JVC

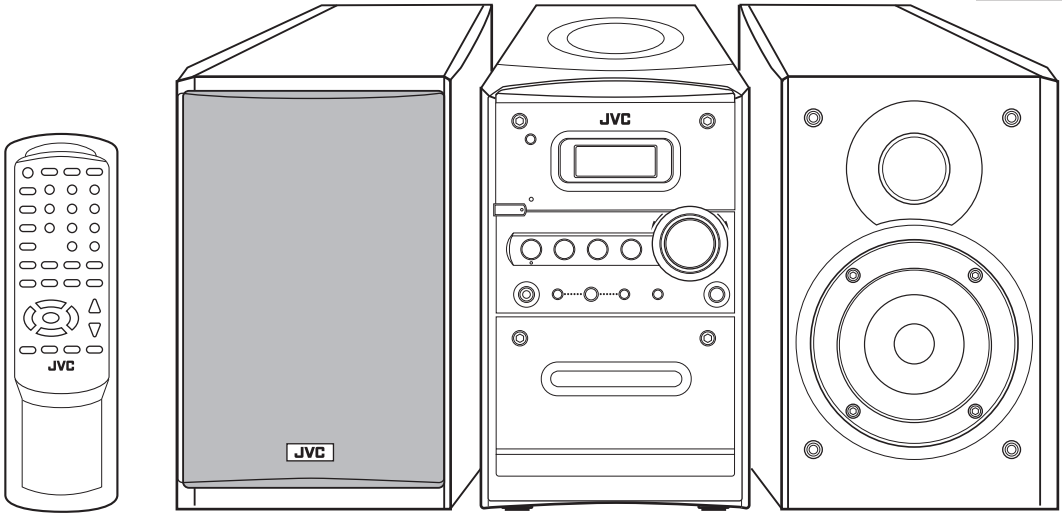
SERVICE MANUAL

MICRO COMPONENT SYSTEM

UX-G3,UX-G4

Area suffix

B ---------- U.K.
E ---------- Continental Europe
EN ---------- Northern Europe
EV ---------- Eastern Europe



SP-UXG4
SP-UXG3

CA-UXG4
CA-UXG3

SP-UXG4
SP-UXG3

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

TABLE OF CONTENTS

1 PRECAUTIONS 1-3
2 SPECIFIC SERVICE INSTRUCTIONS 1-5
3 DISASSEMBLY 1-6
4 ADJUSTMENT 1-17
5 TROUBLESHOOTING 1-20

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No.MB371
2005/6

SPECIFICATION

Amplifier Section	Output Power	25 W per channel, min. RMS, driven into 4 Ω at 1 kHz with no more than 10% total harmonic distortion. (IEC268-3)
	Audio input sensitivity/Impedance (at 1 kHz)	AUX: 500 mV/50 kΩ
	Speakers Impedance	4 Ω - 16 Ω
Tuner	FM tuning range	87.50 MHz - 108.00 MHz
	AM (MW) tuning range	522 kHz - 1 629 kHz
CD player	Dynamic range	85 dB
	Signal-to-noise ratio	85 dB
	Wow and flutter	Immeasurable
Cassette deck	Frequency response Normal (type I)	100 Hz - 10 000 Hz
	Wow and flutter	0.35% (WRMS)
General	Power requirement	AC 230 V , 50 Hz
	Power consumption	52 W (at operation) 1.5 W (on standby)
	Dimensions (W/H/D) (approx.)	152 mm × 233 mm × 331 mm
	Mass (approx.)	4.5 kg
Speaker Section	Type	Full range, bass-reflex type
	Speakers	10 cm cone × 1
	Power handling capacity	25 W
	Impedance	4 Ω
	Frequency range	100 Hz - 15 kHz
	Dimensions (W/H/D) (approx.)	152 mm × 233 mm × 188 mm
	Mass (approx.)	1.8 kg each

Designs & specifications are subject to change without notice.

SECTION 1
PRECAUTIONS

1.1 Safety Precautions

(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

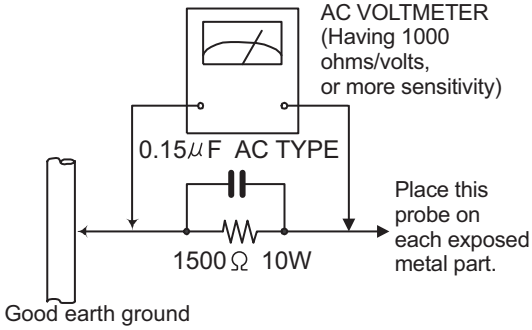
(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
  Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
  Measure the AC voltage across the resistor with the AC voltmeter.
  Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Safety Precautions (U.K only)

(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits.
(2) Any unauthorised design alterations or additions will void the manufacturer's guarantee; furthermore the manufacturer cannot accept responsibility for personal injury or property damage resulting therefrom.
(3) Essential safety critical components are identified by (⚠) on the Parts List and by shading on the schematics, and must never be replaced by parts other than those listed in the manual. Please note however that many electrical and mechanical parts in the product have special safety related characteristics. These characteristics are often not evident from visual inspection. Parts other than specified by the manufacturer may not have the same safety characteristics as the recommended replacement parts shown in the Parts List of the Service Manual and may create shock, fire, or other hazards.
(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

1.5.1 Warning

(1) Service should be performed by qualified personnel only.
(2) This equipment has been designed and manufactured to meet international safety standards.
(3) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(4) Repairs must be made in accordance with the relevant safety standards.
(5) It is essential that safety critical components are replaced by approved parts.
(6) If mains voltage selector is provided, check setting for local voltage.

> ⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body

3.1.1 Removing the front panel assembly (See Fig.1 to 6)

(1) From the back of the body, remove the two screws A, the two screws B and the two screws D attaching the front panel assembly.
(2) Remove the six screws E on both sides of the body.
(3) Remove the screw F on the bottom of the body.
(4) Move the front panel assembly in the direction of the arrow and remove. Disconnect connector CN402, CON801 on the main board.

Caution:

When reassembling the front panel assembly, fit the right and left joints a to the notch.

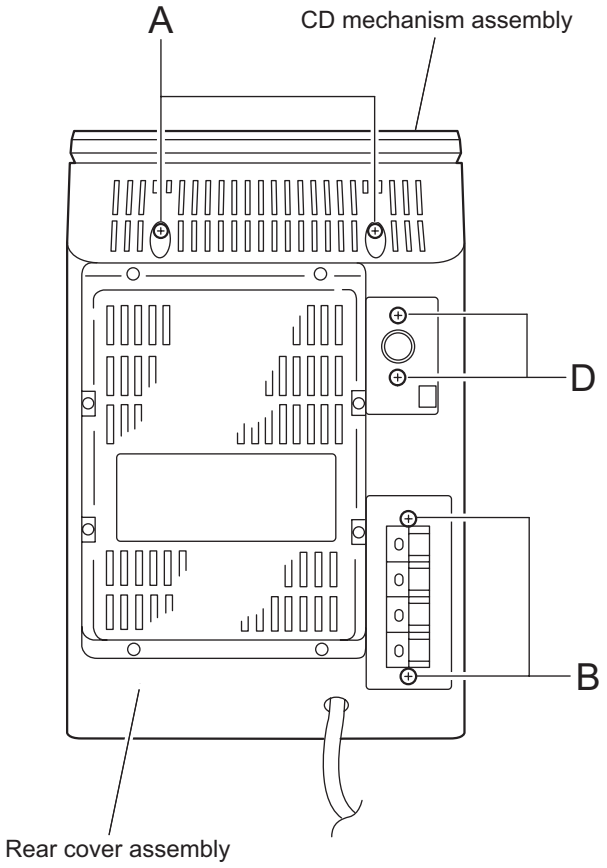


Fig.1

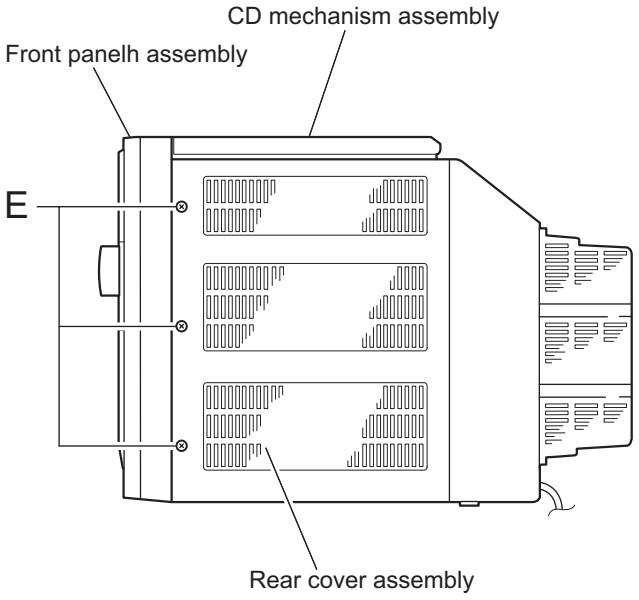


Fig.2

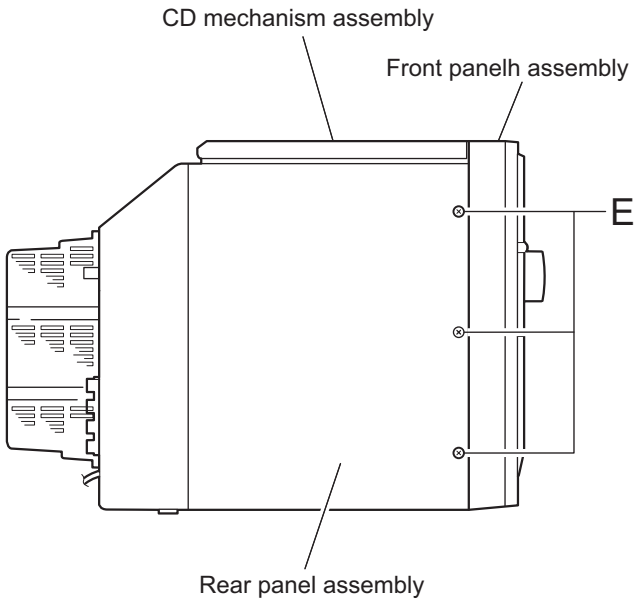


Fig.3

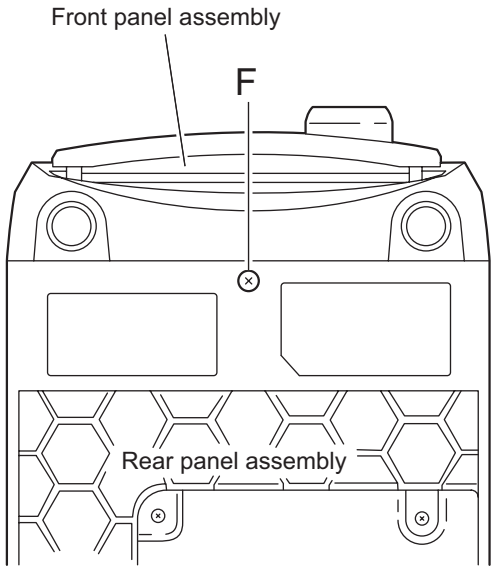


Fig.4

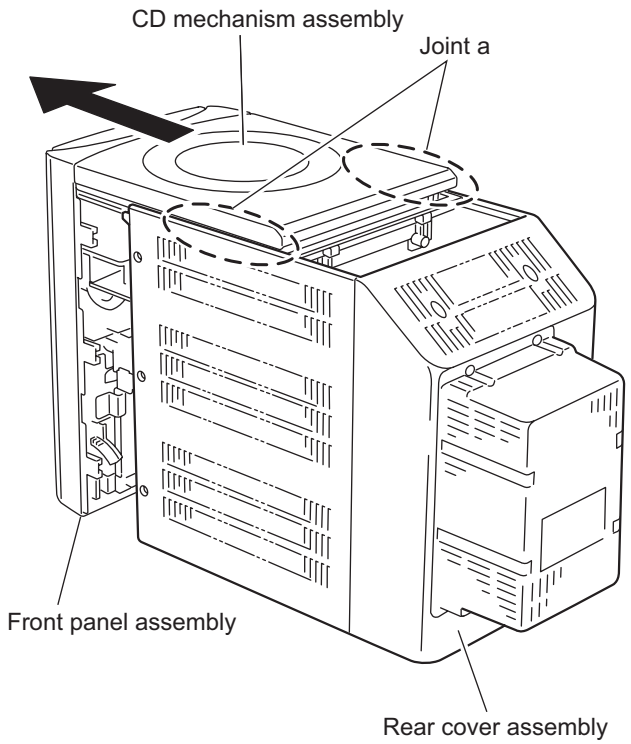


Fig.5

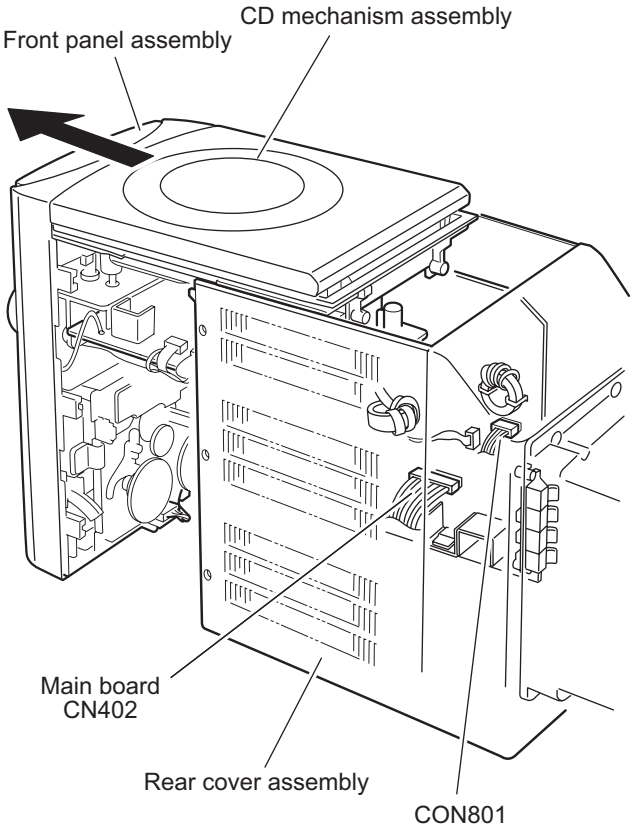


Fig.6

3.1.2 Removing the main board (See Fig.7, 8)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Disconnect the wire from all connectors on the main board.
  (2) Disconnect the wire from the two connectors on the cassette mechanism assembly.
  (3) Release the three bands attaching the wire to the main board.
  (4) Remove the two screws G from the front panel assembly. Release the joint b.

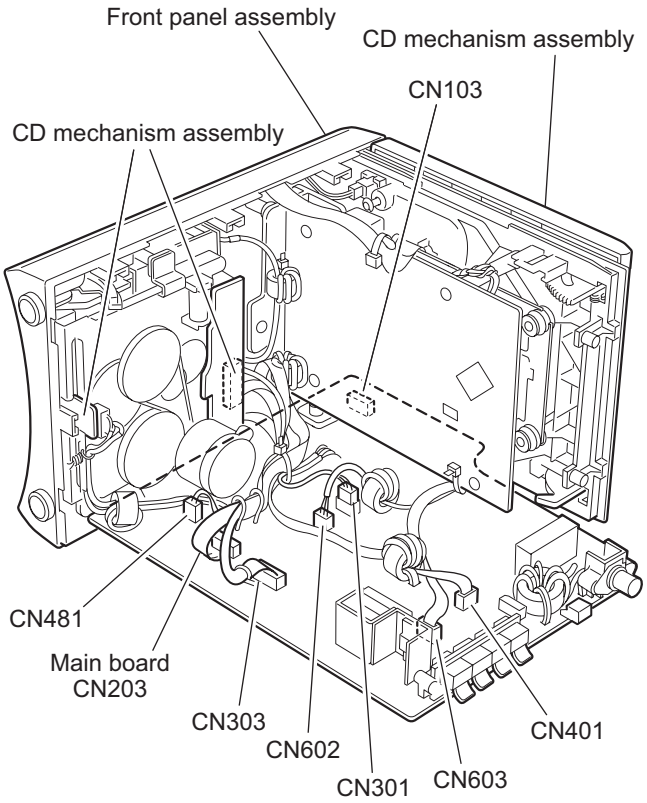


Fig.7

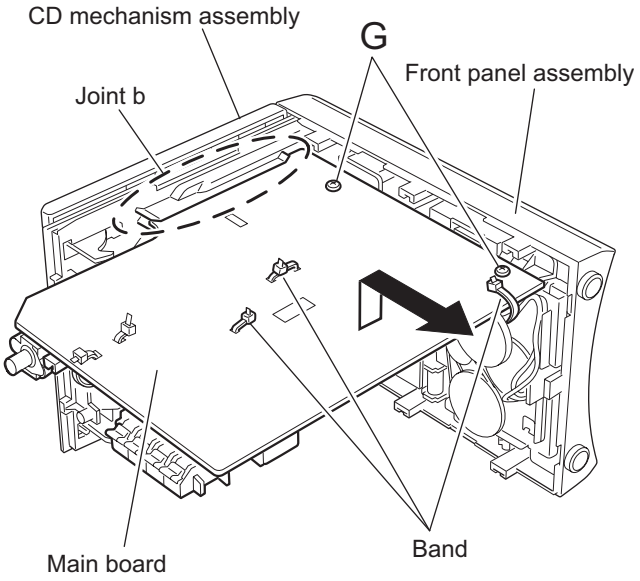


Fig.8

3.1.3 Removing the CD mechanism assembly (See Fig.9, 10)

- Prior to performing the following procedure, remove the front panel assembly and the main board.
  (1) Remove the three bands attaching the wire.
  (2) Disconnect the connector from the CD door switch. Disconnect the wire from connector CN603 and CN606 on the CD mechanism board.
  (3) Disconnect the wire soldered on the CD mechanism board.
  (4) Remove the three screws H attaching the CD mechanism assembly.
  (5) Release the joints d to remove the CD mechanism assembly from the front panel assembly.

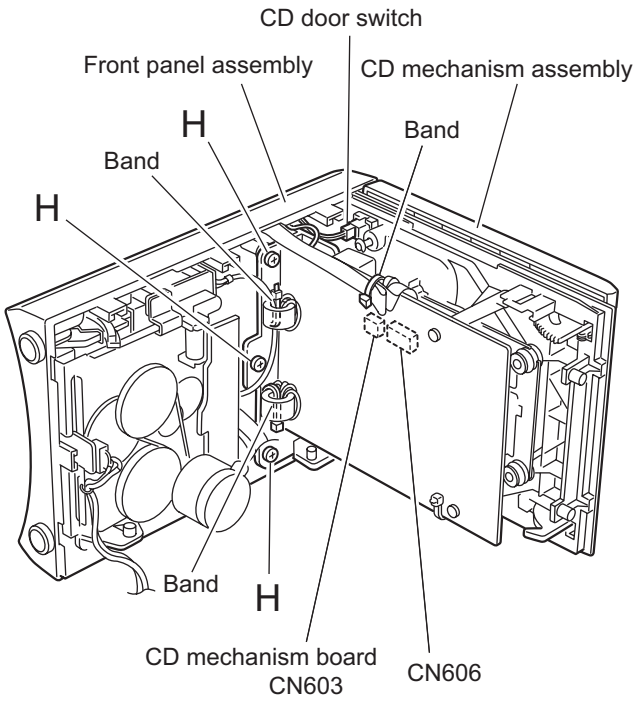


Fig.9

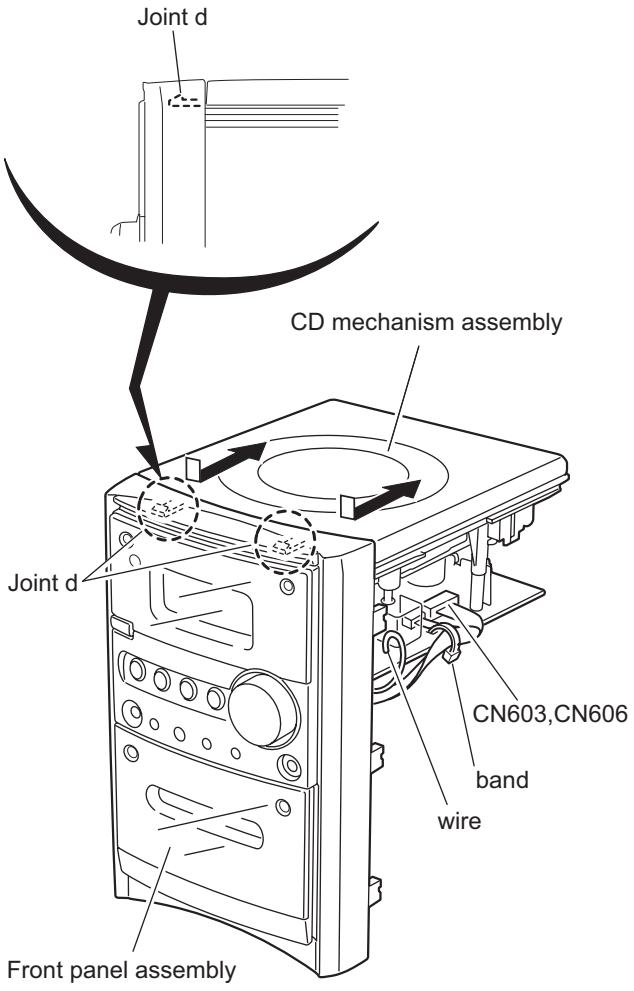


Fig.10

3.1.4 Removing the CD mechanism assembly (See Fig.11 to 13)

- Prior to performing the following procedure, remove the front panel assembly, the main board and the CD mechanism assembly.

Caution:

Before disconnecting the card wire from connector CN601 on the CD mechanism board and from CD pickup board, solder the short-circuit point on the CD pickup board. If you do not follow this instruction, the pickup may be damaged.

(1) Disconnect the wire from connector on the CD motor board.
(2) Remove the four screws J attaching the CD mechanism board.
(3) Move the CD mechanism board temporarily as shown in Fig.12.
(4) Remove the screw K attaching the wire to the CD mechanism.
(5) Solder the short-circuit point on the CD pickup board.
(6) Disconnect the card wire from connector CN601 on the CD mechanism board.

Caution:

Make sure to unsolder the short-circuit point after reconnecting the card wire to the CD pickup board and to connector CN601 on the CD mechanism board.

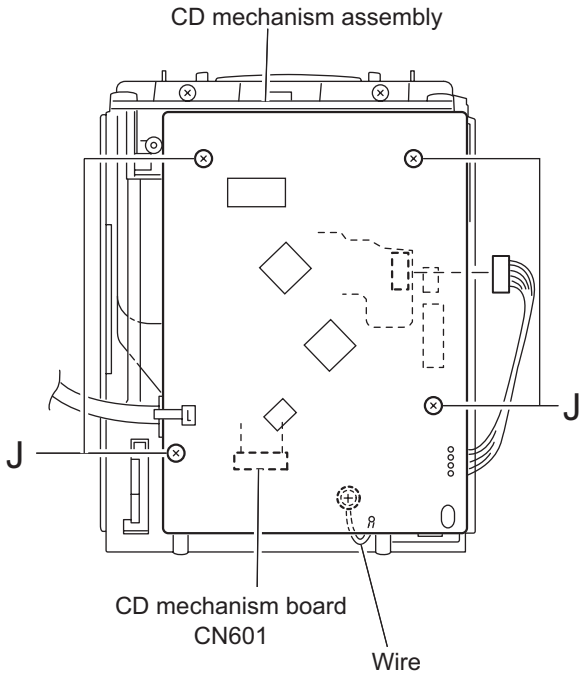


Fig.11

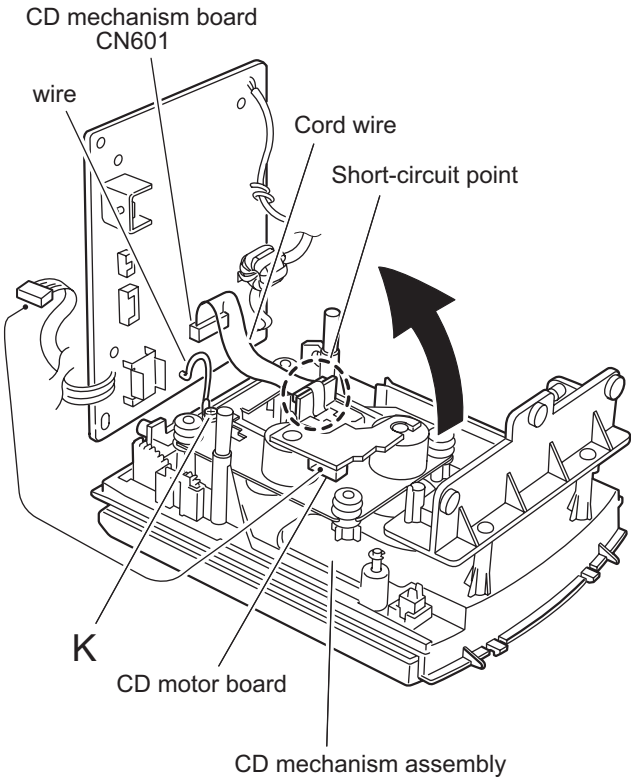


Fig.12

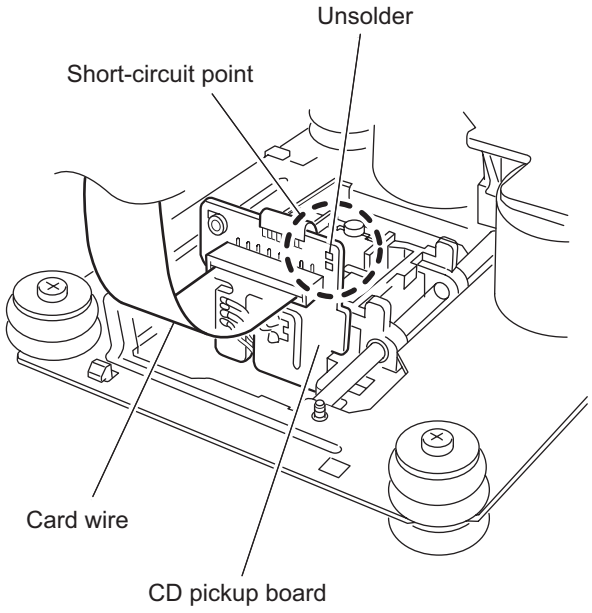


Fig.13

3.1.5 Removing the CD mechanism (See Fig.14)

- Prior to performing the following procedure, remove the front panel assembly, the main board, the CD mechanism assembly and the CD mechanism board.
  (1) Remove the four screws M attaching the CD mechanism.

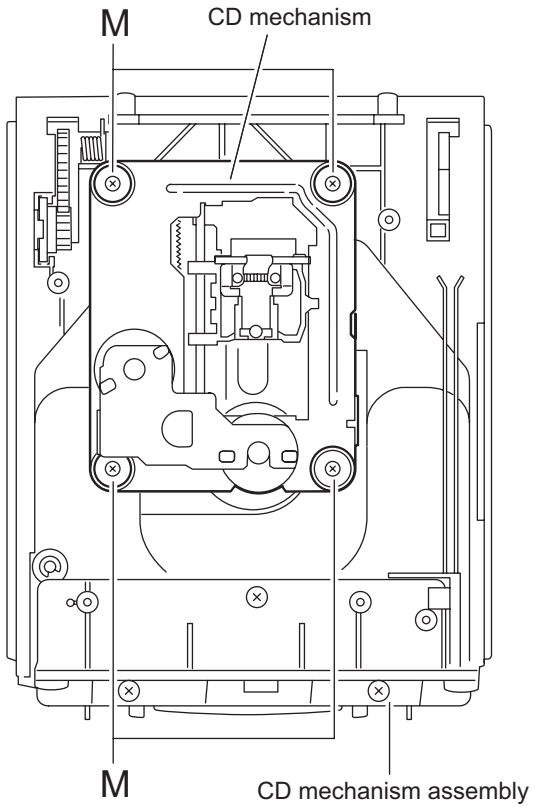


Fig.14

3.1.6 Removing the headphone board/ AUX board (See Fig.15)

- Prior to performing the following procedure, remove the front panel assembly, the main board and the CD mechanism assembly.
  (1) Remove the screw N attaching the headphone board.
  (2) Remove the screw P attaching the AUX board.

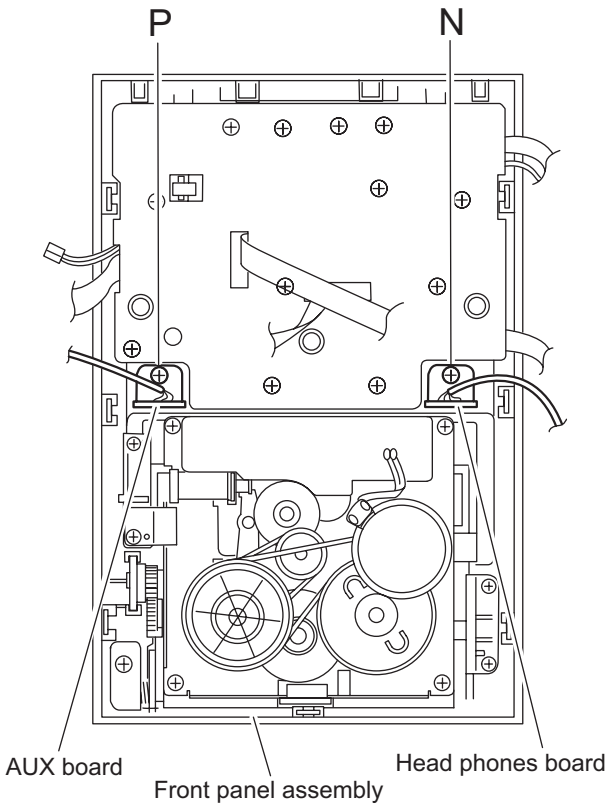


Fig.15

3.1.7 Remove the LCD board (See Fig.16, 17)

- Prior to performing the following procedure, remove the front panel assembly, the main board and the CD mechanism assembly.
  (1) From the front panel, pull out the volume knob and remove the nut and the washer.
  (2) Remove the twelve screws Q attaching the LCD board.

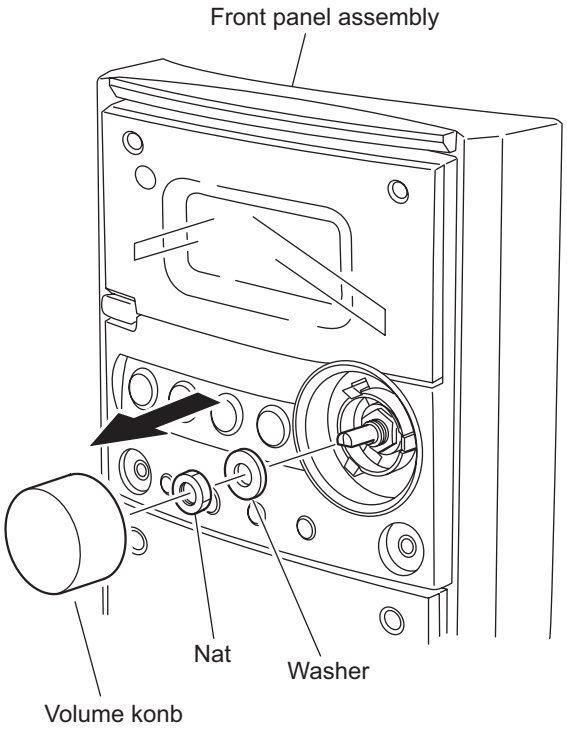


Fig.16

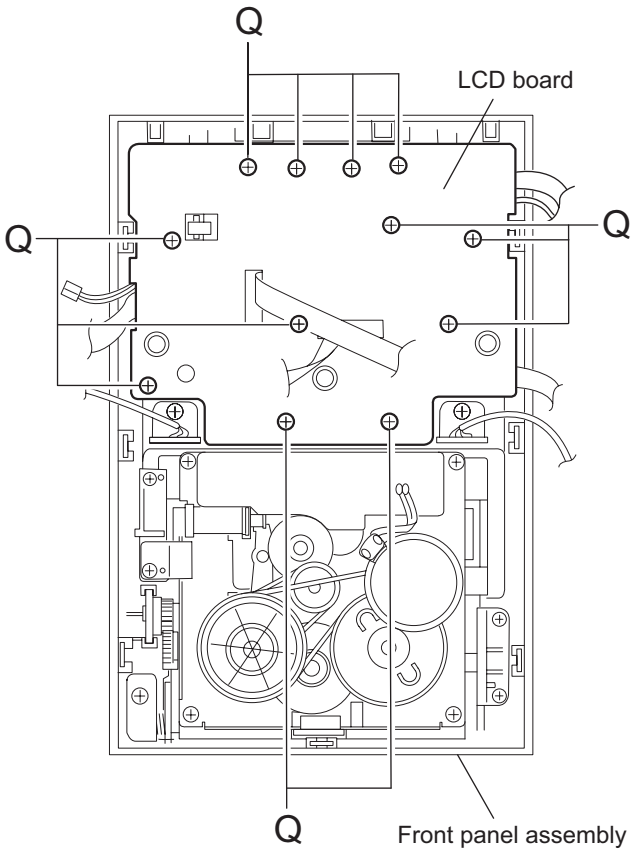


Fig.17

3.1.8 Removing the cassette mechanism assembly (See Fig.18, 19)

- Prior to performing the following procedure, remove the front panel assembly and the main board.
  (1) Push 'PUSH OPEN' on the front panel to open the cassette door.
  (2) Remove the screw R attaching the bracket of the cassette mechanism assembly.
  (3) Remove the two screws T and the two screws U attaching the cassette mechanism assembly.

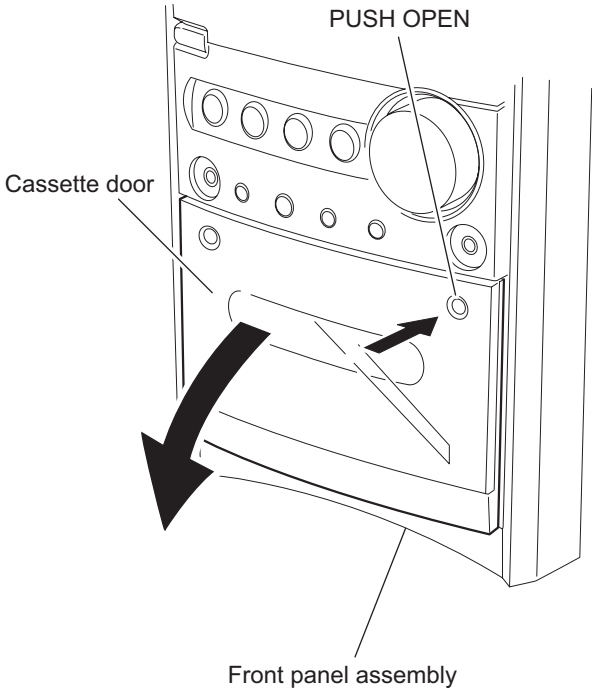


Fig.18

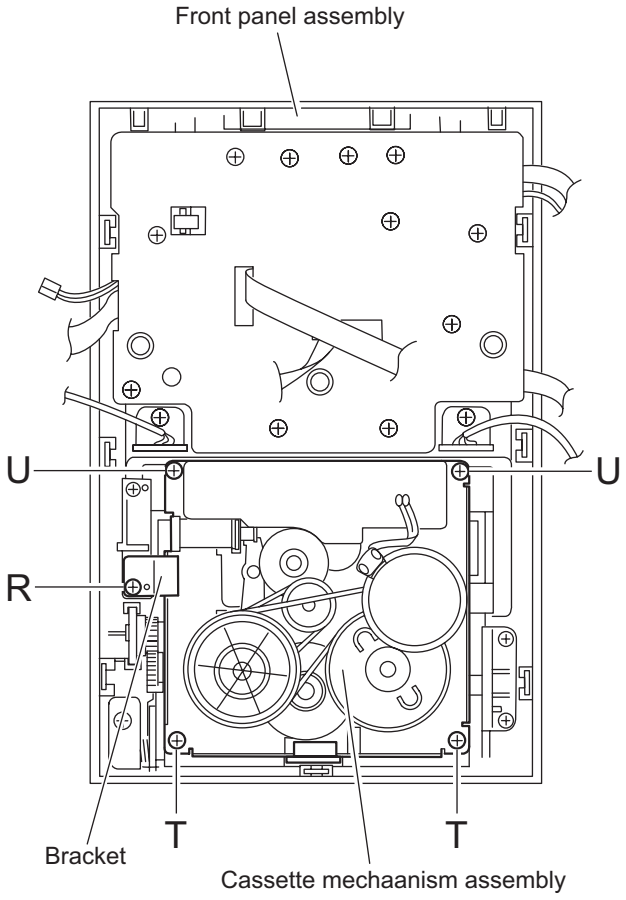


Fig.19

3.1.9 Removing the heat sink/power board (See Fig.20 to 25)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Remove the four screws Y attaching the holder in the power unit section.
  (2) Move the power unit section with the wire from the rear cover temporarily. If necessary, release the band and unsolder the wire on the power board.
  (3) Remove the four screws A' and the two screws B' attaching the holder.
  (4) Remove the three bands on the wire extending from the power board (part e). Move the holder in the direction of the arrow to detach from the joint f.
  (5) Remove the four screws D' and screw E' attaching the heat sink.

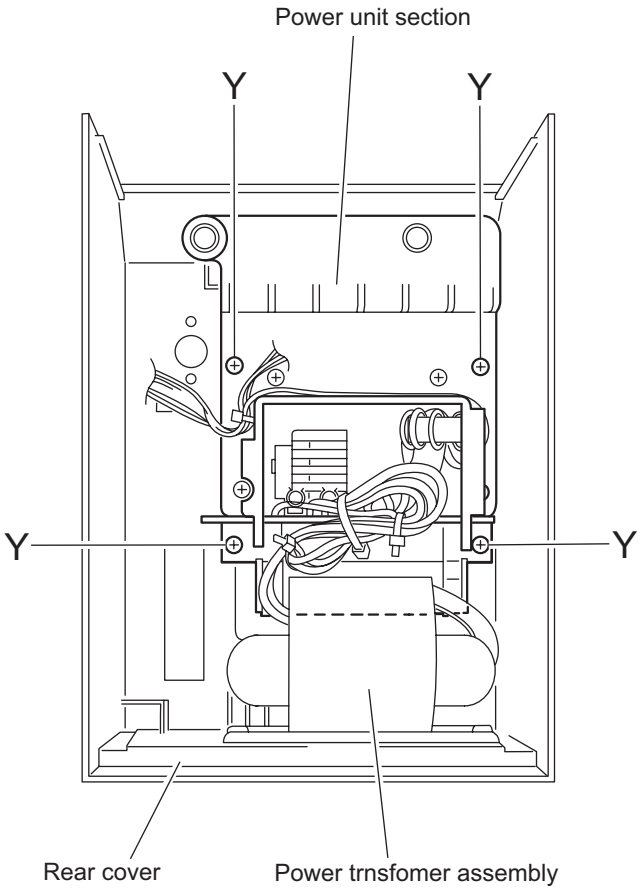


Fig.20

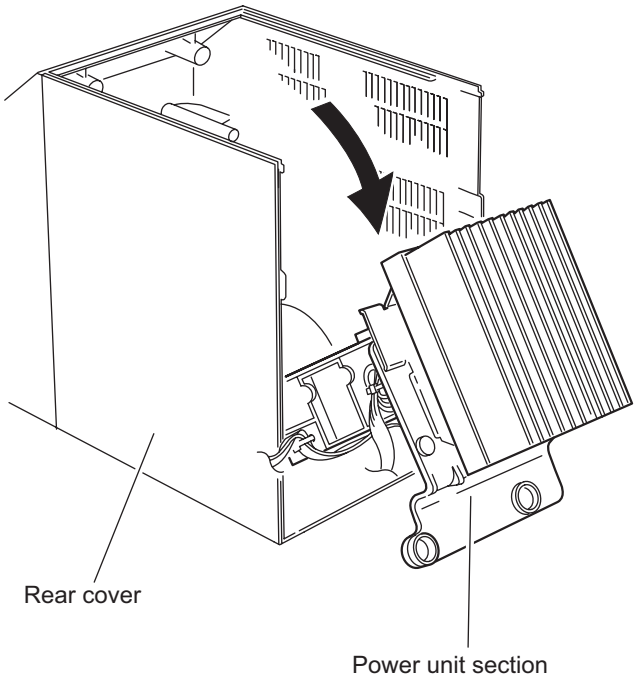


Fig.21

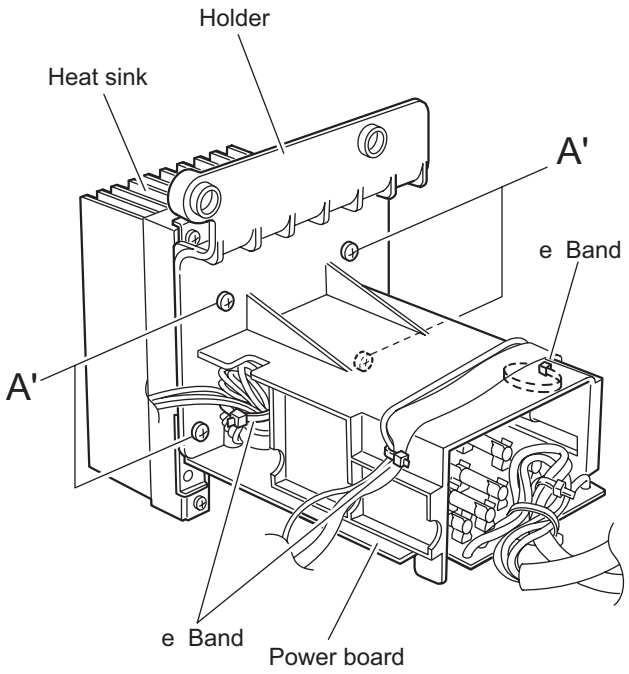


Fig.22

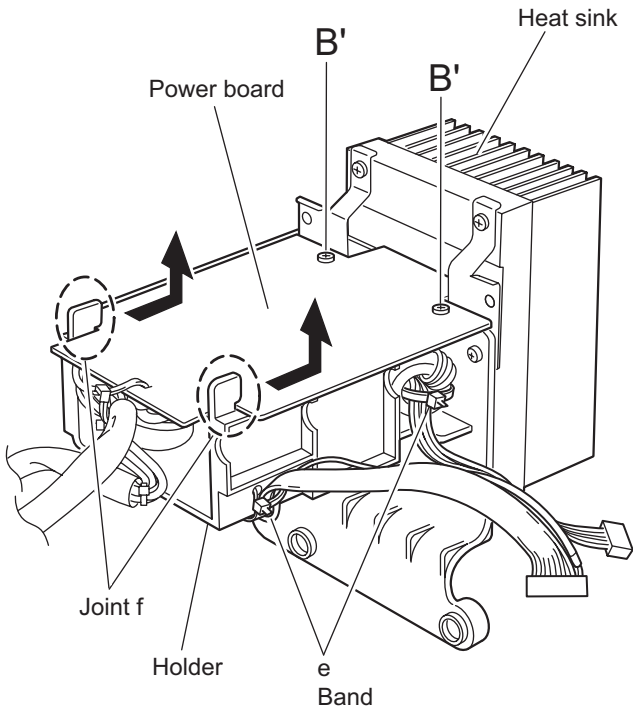


Fig.23

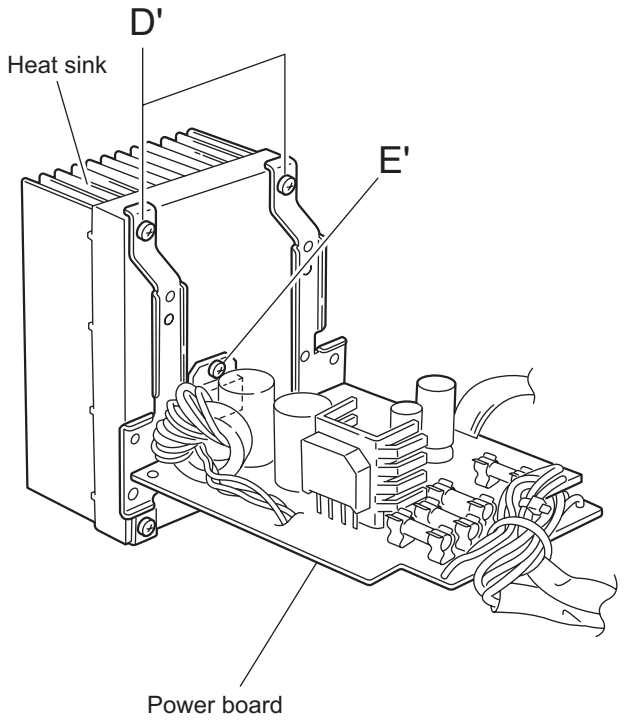


Fig.24

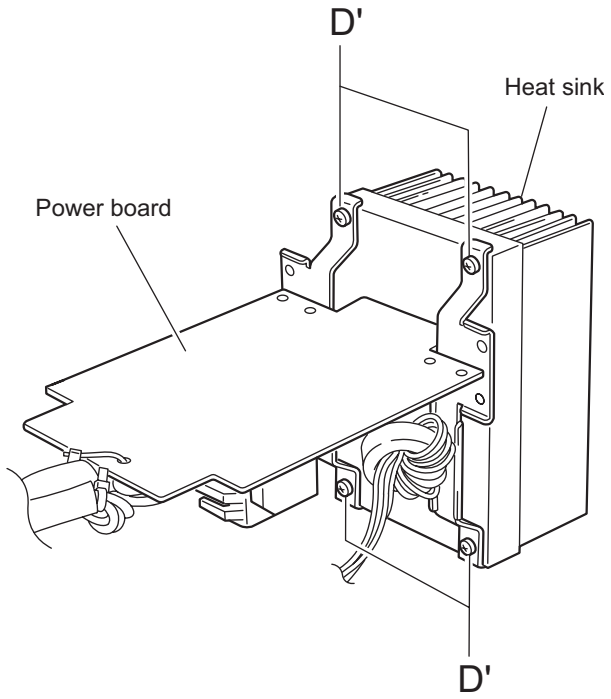


Fig.25

3.1.10 Removing the power transformer assembly (See Fig.26, 27)

- Prior to performing the following procedure, remove the front panel assembly and the power unit section.
  (1) Remove the four screws F' attaching the power transformer assembly. The bracket comes off at the bottom of the rear cover.
  (2) Remove the screw G' attaching the power cord folder.
  (3) Remove the two screws H' attaching the AC connect board.

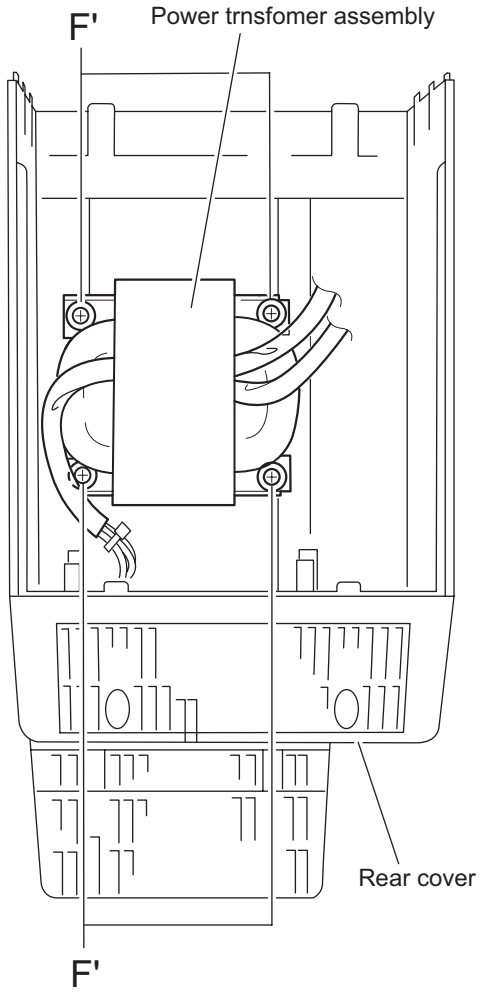


Fig.26

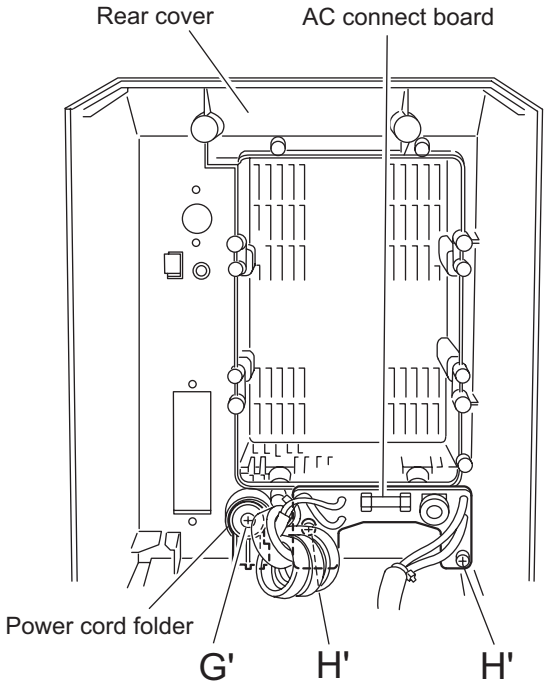


Fig.27

SECTION 4
ADJUSTMENT

4.1 Measuring instructions required for adjustment

- AM signal generator
- FM signal generator
- Inter medicate frequency sweep generator
- FM stereo signal generator
- Low-frequensy oscillator (osillation frequency 50 Hz - 20 kHz, 0 dB output with 600 Ω impedance)
- Attenuator (600 Ω impedance)
- Electoronic voltmeter
- Distortion meter
- Torque gauge (cassette for CTG-N)
- Wow & flutter meter
- Frequency counter meter

4.2 Test tape

- Playback tape
  VT712 (tape speed, wow flutter)
  VT724 (reference level)
  VT703L (head azimuth)
  VT738 (frequency responce)
- Recording tape
  AC225 (type I)
- Power supply voltage
  AC230V 50Hz

4.3 Measuring instruments

- Radio section

FM	: 1 kHz, 22.5kHz deviation
FM stereo	: 1 kHz, 67.5 kHz deviation, pilot signal 7.5 kHz
AM	: 1 kHz, 30% modulation
Reference output	: 0 dB (1 V) 4 Ω
Headphone output	: -10 dB (0.1V) 32 Ω

4.4 Amplifier section

- Reference output :
  Speaker output 0 dB (1 V) / 4 Ω
  Headphone output -10 dB (0.1 V) / 32 Ω

4.5 CD section

- Test disc :
  CTS-1000 (JVC)
  TCD-731R (A-BEX)
  TCD-712R (A-BEX)
  TCD-785 (A-BEX)

4.6 Cassette amplifier section

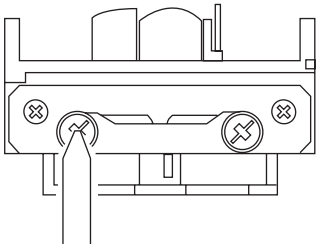
Item	Measuring condition	Check and adjustment procedure	Standard value	Adjusting part
Head azimuth adjustment	Test tape : VT703 Signal output terminal : PHONES (with 32 ohm load)	1.Plyback the test tape VT703. 2.Adjust the head azimuth adjusting screw so that the phase difference between the R and L channels is minimized at an output level that is within +/- 2dB of the maximum output level. After this adjustment, lock the head azimuth adjusting screw with screw sealant to cover more than a half of the screw head. 3.When the head azimuth is maladjusted, correct it with the head azimuth adjusting screw.	Output level : within +/-2dB of maximum output level Phase defference L and R channels: minimum	Head azimuth adjusting screw (to be used only after head re-placement)
Tape speed and wow/flutter check and adjustment	Test tape : VT712 Signal output terminal : PHONES (with 32 ohm load)	1.Plyback the test tape VT712 by the end of position. 2.Connect a frequency counter and check that it reads between 2940 and 3090 Hz. If not, adjust the frequenct with the motor semifixed resistor. 3.Check that the wow / flutter is 0.38% (unweighted).	2940 to 3090 Hz within 0.38% (unweighted)	Tape speed : motor semifixed resistor check only
PB frequency responce check	Test tape : VT738 Signal output terminal : PHONES (with 32 ohm load)	Playback the test tape VT738 while confir-ming that deviation between the 1 kHz signal and 8 kHz signal should be 0 (+3 to -6) dB.	deviation between 1 kHz and 8 kHz : 0 (+3 to -6) dB.	
Bias frequency check	Test tape : normal Signal output terminal : Casssette R/P head	Set the TUNER or CD function and with TAPE to record. Check to see if the frequency at the measuring point (R335 or R336) is 60 kHz +/-1 kHz if not adjust T360 until the frequency counter indicates 60 kHz +/- 1 kHz.		L203
REC and PB frequency responce adjustment	Test tape : AC225 Signal input : FM 22.5 dev, 60dBu with emphasis Signal output terminal : PHONES (with 32 ohm load)	At TUNER, set the BAND to the FM position, and record the reference 1 kHz signal and 8 kHz signal altemately repeatedly. While playing back the recorded signal differ from that of the 1 kHz signal by within 0 (+3 to 6) dB.	Level difference between REC and PB : within 0 (+3 to 6) dB	

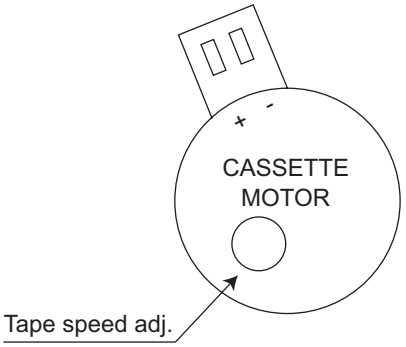
4.7 Tuner section

Item	Measuring condition	Check and adjustment procedure	Standard value	Adjusting part
AM IF adjustment	Signal input : Loop antenna Signal output : IC201 pin 18	1.Set the intermediate frequency sweep generator to AM 450 kHz. 2.Adjust the T203 from maximum and center output.		T203
AM tracking adjustment	Signal input : Loop antenna Signal output : PHONES (with 32 ohm load)	1.Set the TUNER at 522 kHz adjust T201 until the test pin of R245 voltage at 1.55 V +/- 0.1 V. 2.Set the TUNER at 1629 kHz, check the pin of R245 voltage at 8.4 V +/- 6V. 3.Set the TUNER ang S/G at 612 kHz, adjust T202 for maximum output. 4.Set the TUNER and S/G at 1404 kHz, adjust T201 for maximum output. 5.Repwat the above step 3 and 4.		T201 R245 TC201
Tuner 114 kHz filter the waves adjustment	Signal input : IC101 pin 19 Signal output : IC101 pin 18	1.Set the unit in standby mode. Input 114 kHz signal to IC101 pin 19. 2.Adjust the T204 for output voltage minimum.		T204

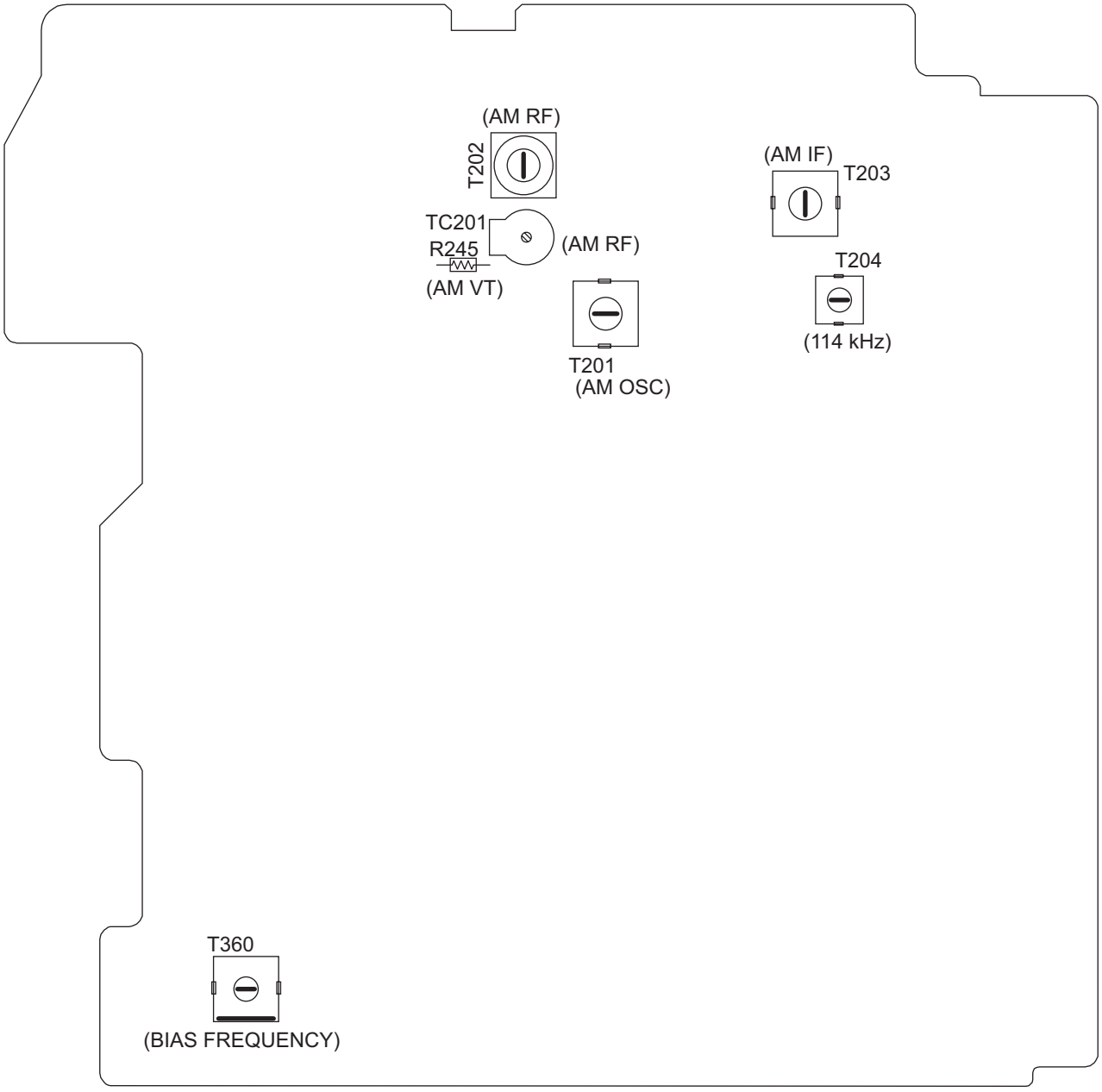
4.8 Location of adjusting parts

Cassette mechanism section





Main board assembly



SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB371)

Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

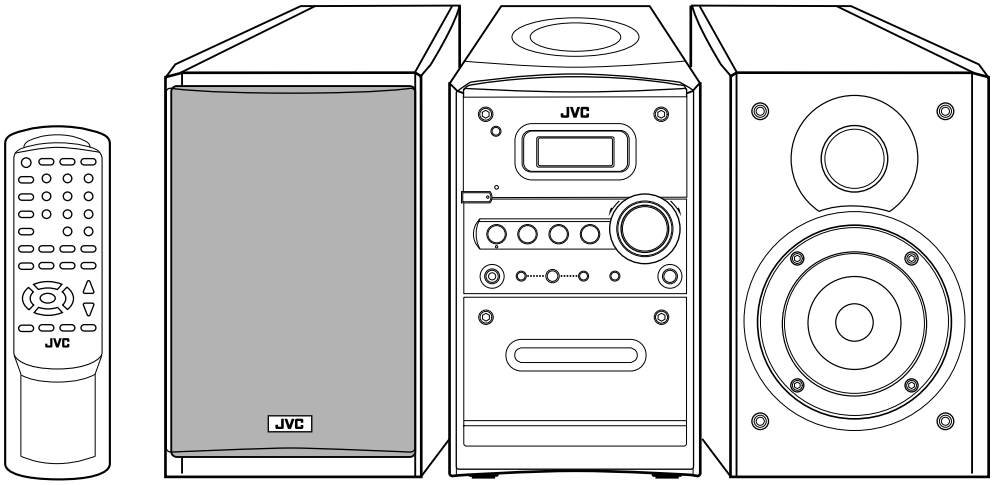
MICRO COMPONENT SYSTEM

UX-G3,UX-G4

CD-ROM No.SML200506

Area suffix

B ---------- U.K.
E ---------- Continental Europe
EN ---------- Northern Europe
EV ---------- Eastern Europe



SP-UXG4
SP-UXG3

CA-UXG4
CA-UXG3

SP-UXG4
SP-UXG3

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

Wiring diagram ---------- 2-1
Block diagram ---------- 2-5
Standard schematic diagrams ---------- 2-7
Voltage table ---------- 2-11
Printed circuit boards ---------- 2-12 to 14

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No.MB371SCH
2005/6

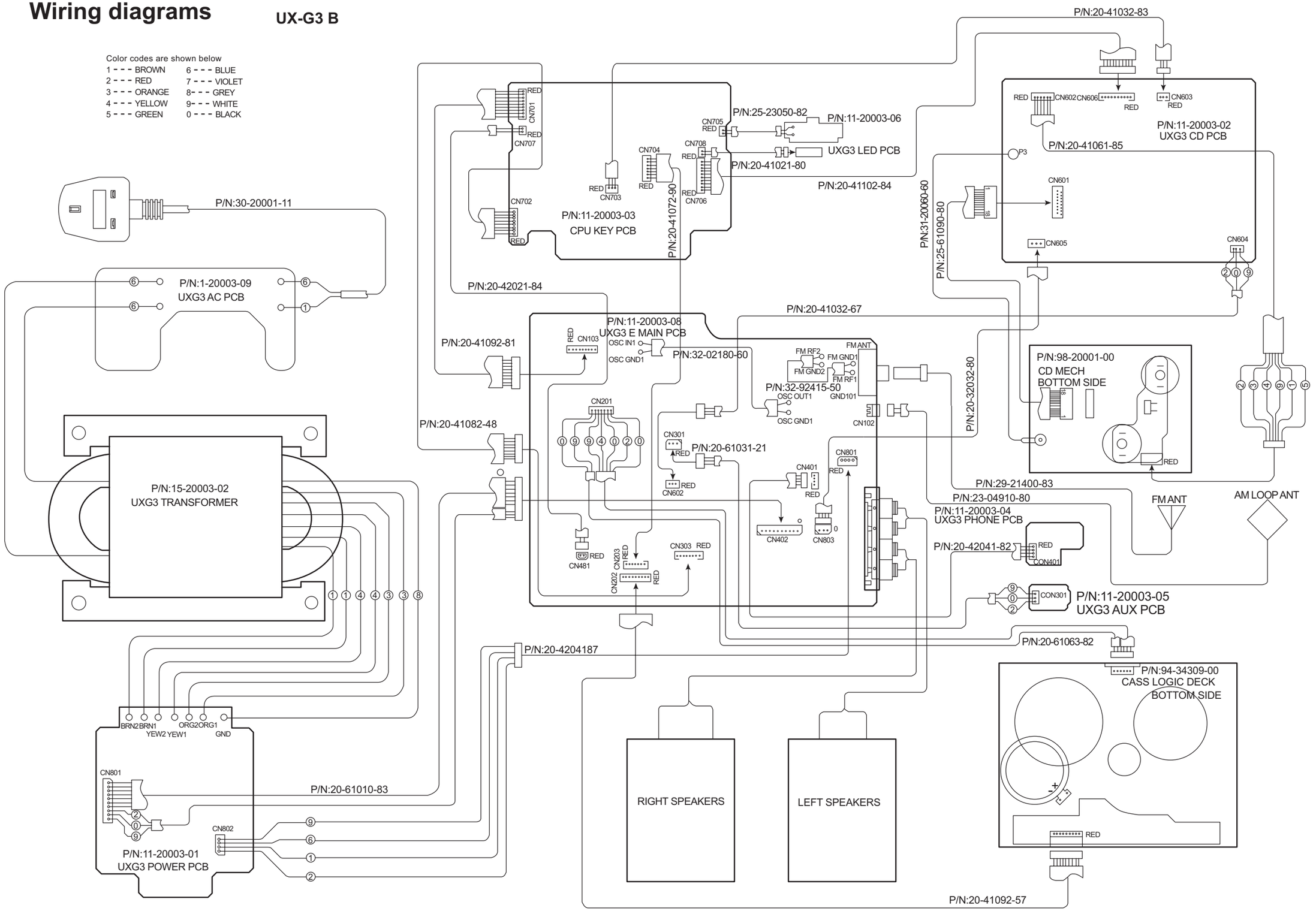
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▬) and ICP (●) or identified by the "⚠" mark nearby are critical for safety.

Wiring diagrams

UX-G3 B

Color codes are shown below

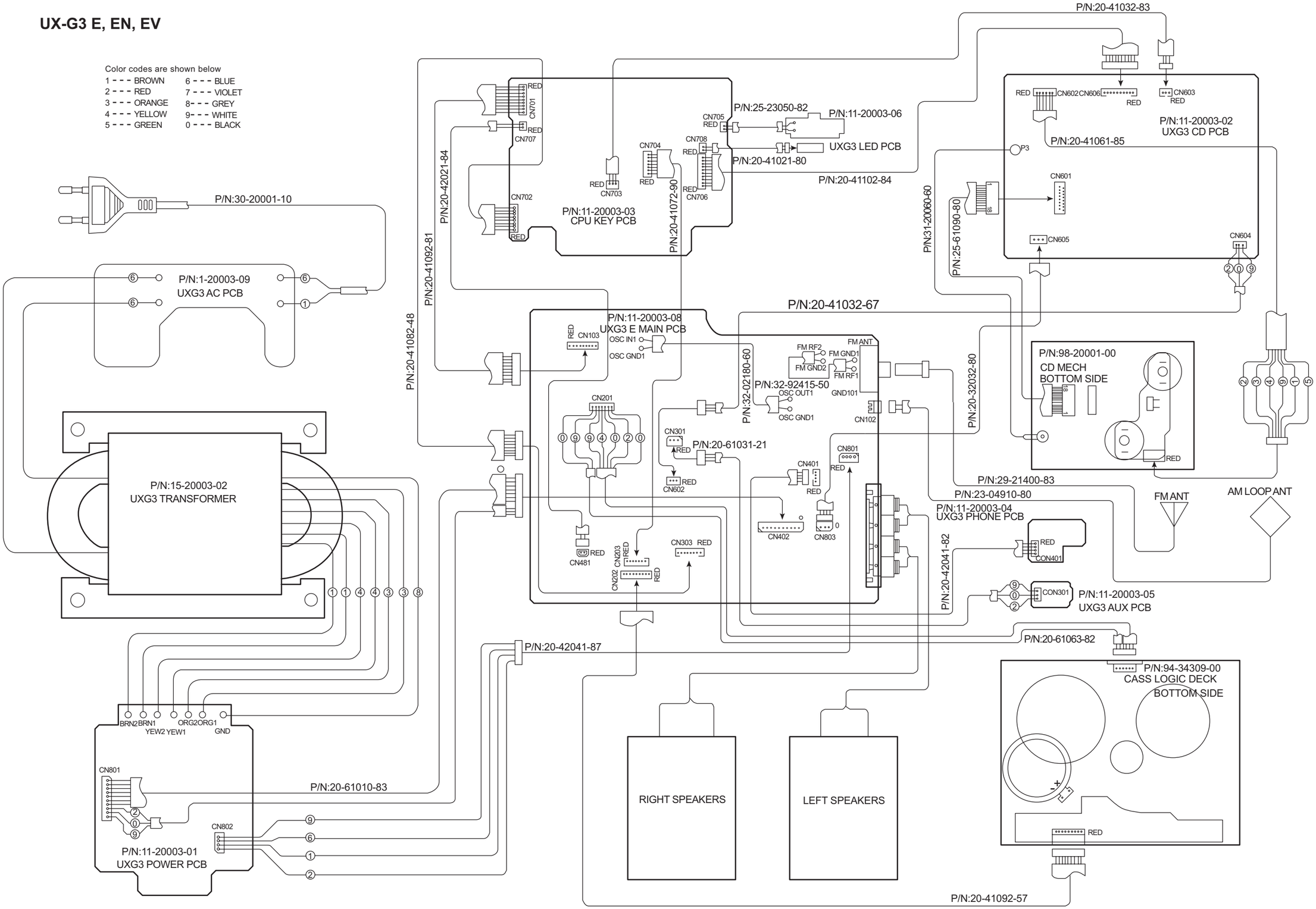
1 - - - BROWN	6 - - - BLUE
2 - - - RED	7 - - - VIOLET
3 - - - ORANGE	8 - - - GREY
4 - - - YELLOW	9 - - - WHITE
5 - - - GREEN	0 - - - BLACK



UX-G3 E, EN, EV

Color codes are shown below

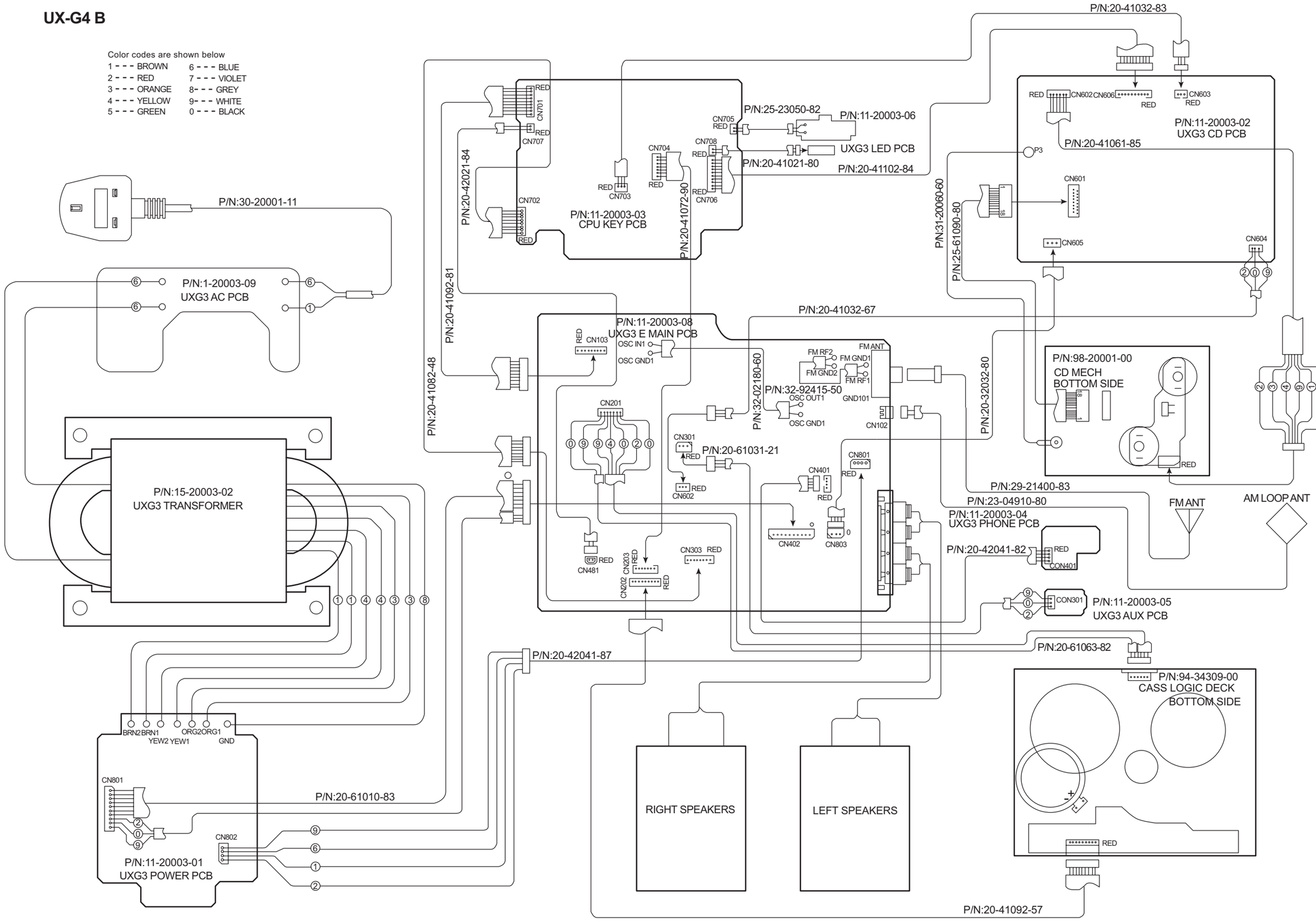
1 - - - BROWN	6 - - - BLUE
2 - - - RED	7 - - - VIOLET
3 - - - ORANGE	8 - - - GREY
4 - - - YELLOW	9 - - - WHITE
5 - - - GREEN	0 - - - BLACK



UX-G4 B

Color codes are shown below

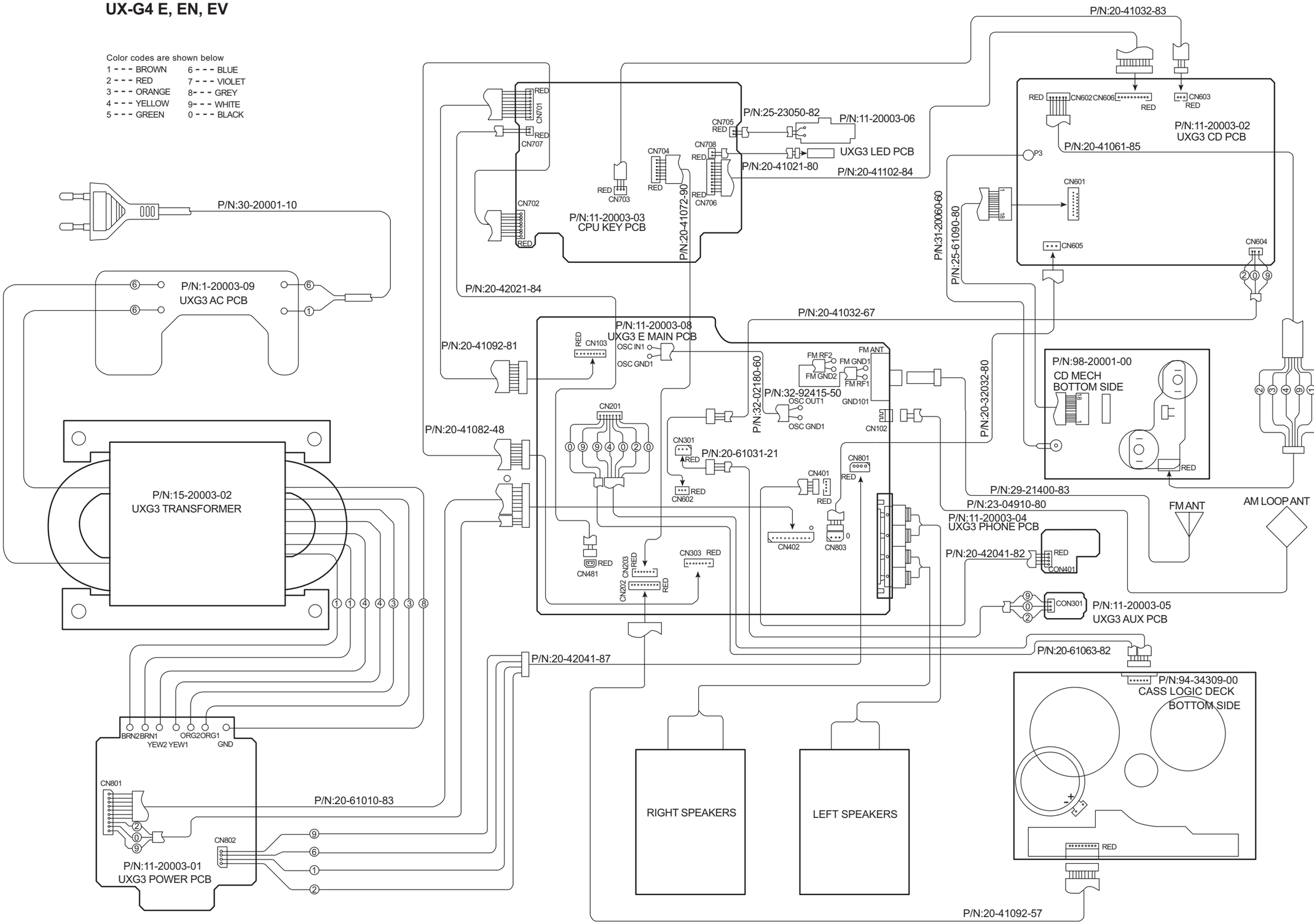
1 - - - BROWN	6 - - - BLUE
2 - - - RED	7 - - - VIOLET
3 - - - ORANGE	8 - - - GREY
4 - - - YELLOW	9 - - - WHITE
5 - - - GREEN	0 - - - BLACK



UX-G4 E, EN, EV

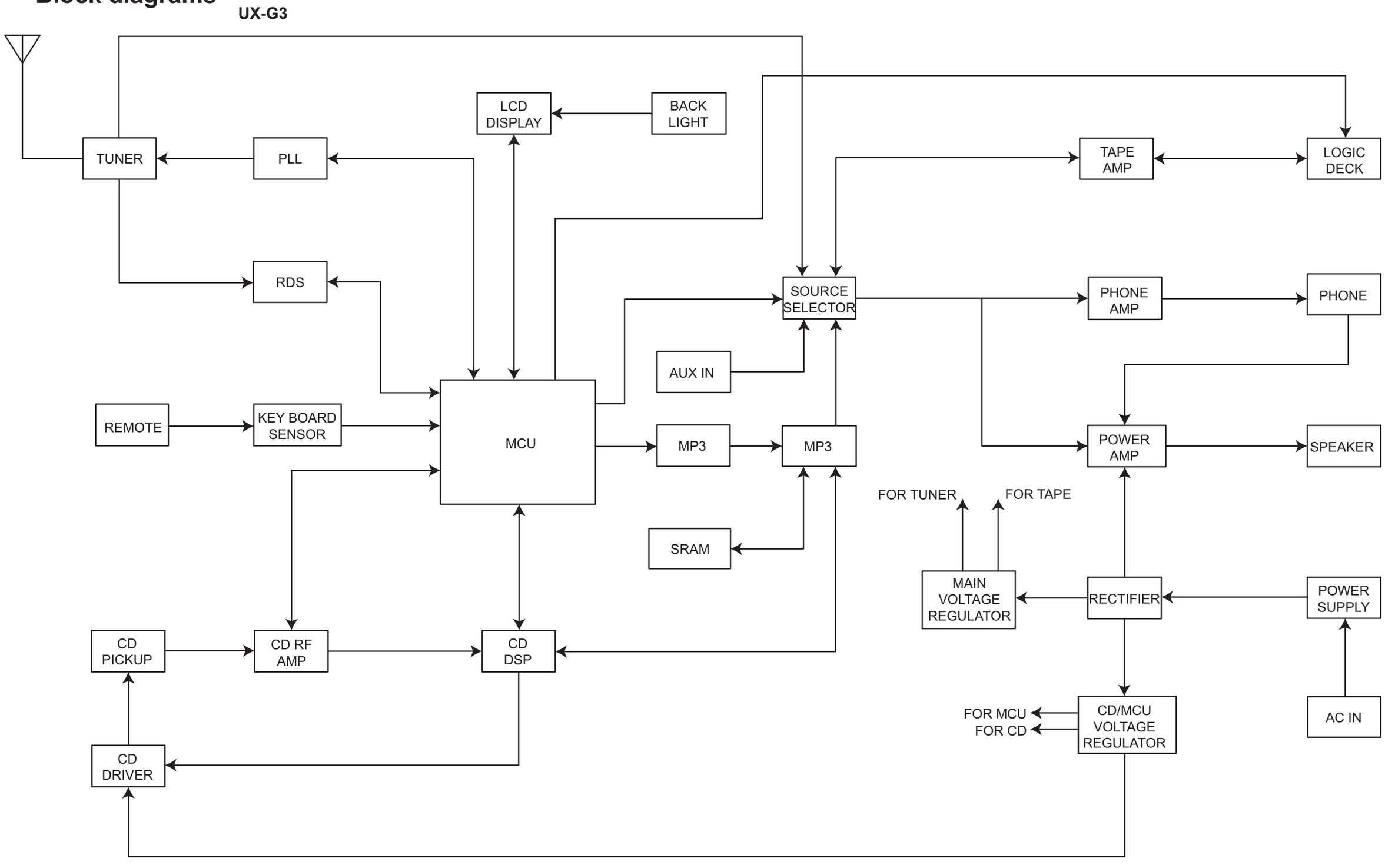
Color codes are shown below

1 - - - BROWN	6 - - - BLUE
2 - - - RED	7 - - - VIOLET
3 - - - ORANGE	8 - - - GREY
4 - - - YELLOW	9 - - - WHITE
5 - - - GREEN	0 - - - BLACK

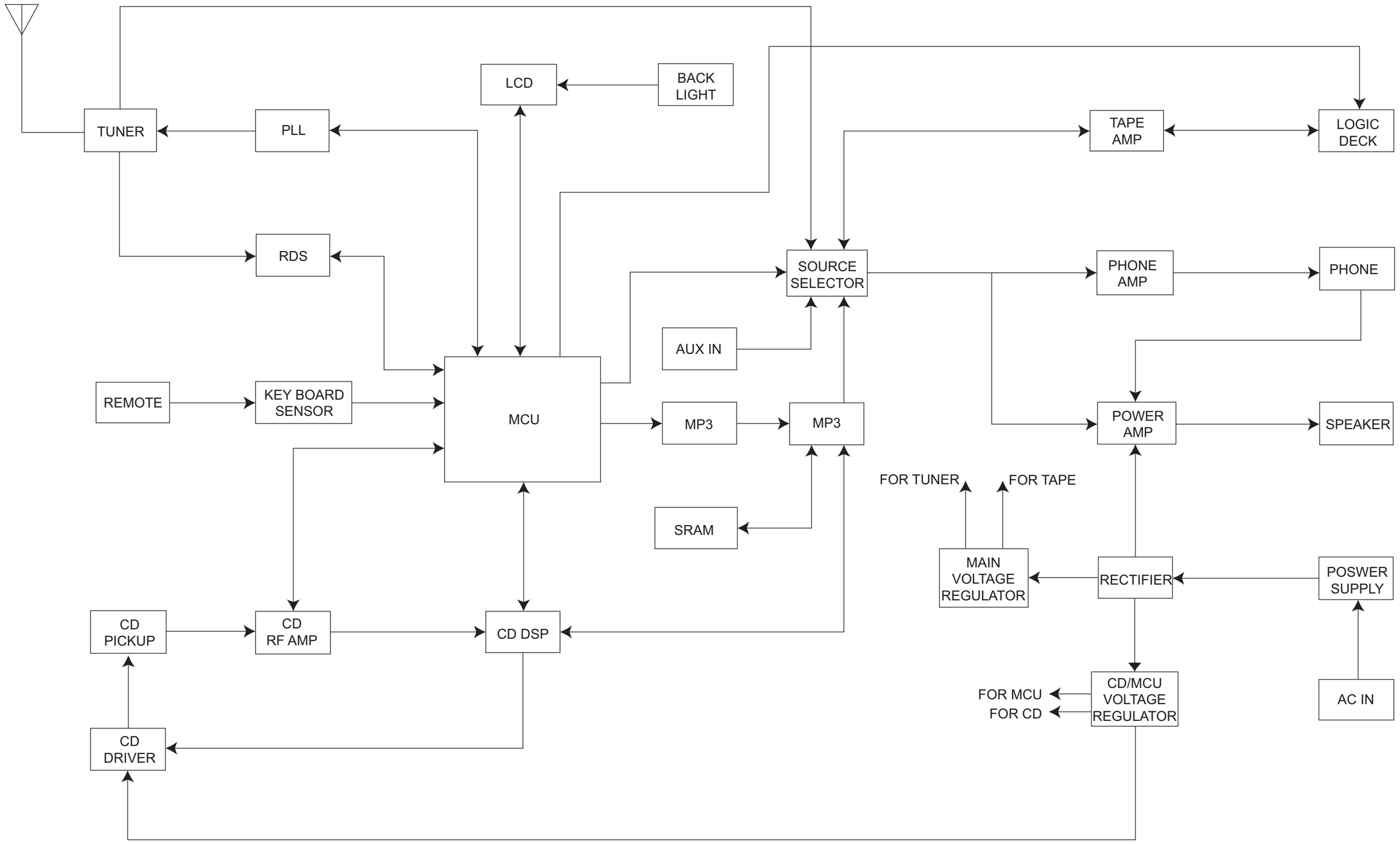


Block diagrams

UX-G3

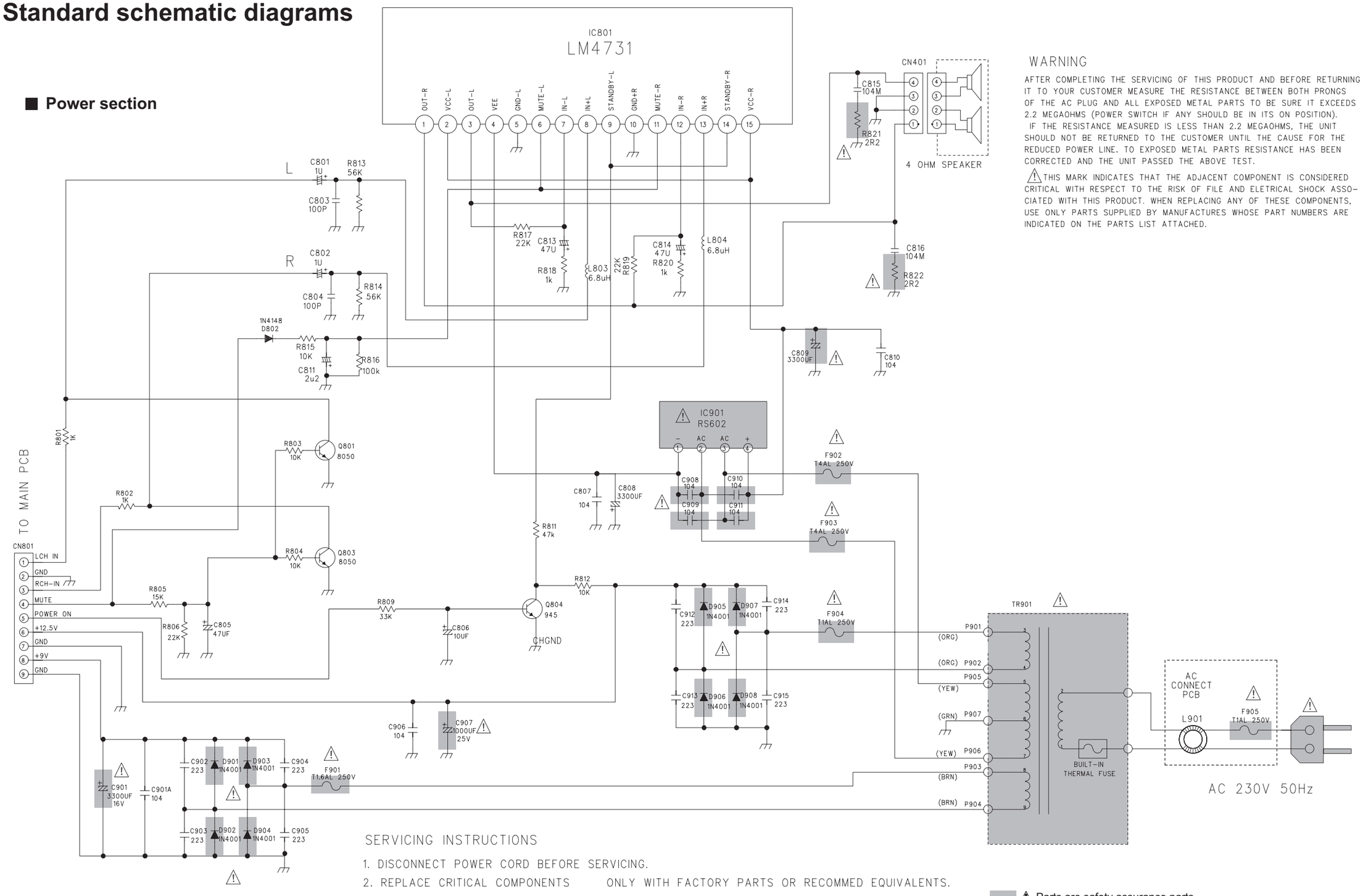


UX-G4


LCD
BACK LIGHT
TUNER
PLL
TAPE AMP
LOGIC DECK
RDS
SOURCE SELECTOR
PHONE AMP
PHONE
AUX IN
REMOTE
KEY BOARD SENSOR
MCU
MP3
MP3
POWER AMP
SPEAKER
FOR TUNER
FOR TAPE
SRAM
MAIN VOLTAGE REGULATOR
RECTIFIER
POSWER SUPPLY
CD PICKUP
CD RF AMP
CD DSP
FOR MCU
FOR CD
CD/MCU VOLTAGE REGULATOR
AC IN
CD DRIVER

Standard schematic diagrams

■ Power section



WARNING

AFTER COMPLETING THE SERVICING OF THIS PRODUCT AND BEFORE RETURNING IT TO YOUR CUSTOMER MEASURE THE RESISTANCE BETWEEN BOTH PRONGS OF THE AC PLUG AND ALL EXPOSED METAL PARTS TO BE SURE IT EXCEEDS 2.2 MEGAOHMS (POWER SWITCH IF ANY SHOULD BE IN ITS ON POSITION).
IF THE RESISTANCE MEASURED IS LESS THAN 2.2 MEGAOHMS, THE UNIT SHOULD NOT BE RETURNED TO THE CUSTOMER UNTIL THE CAUSE FOR THE REDUCED POWER LINE. TO EXPOSED METAL PARTS RESISTANCE HAS BEEN CORRECTED AND THE UNIT PASSED THE ABOVE TEST.

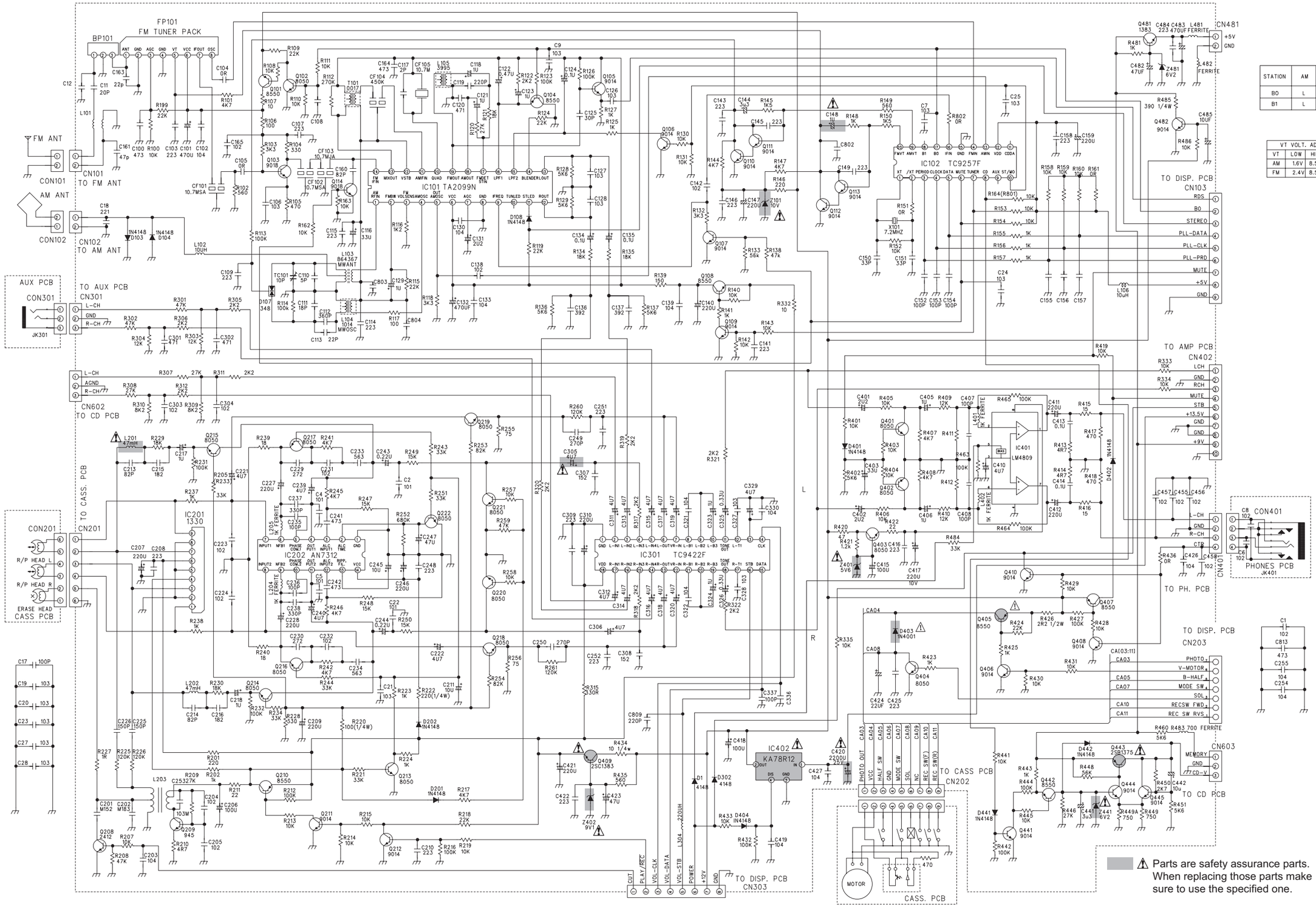
⚠ THIS MARK INDICATES THAT THE ADJACENT COMPONENT IS CONSIDERED CRITICAL WITH RESPECT TO THE RISK OF FILE AND ELETRICAL SHOCK ASSOCIATED WITH THIS PRODUCT. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY PARTS SUPPLIED BY MANUFACTURES WHOSE PART NUMBERS ARE INDICATED ON THE PARTS LIST ATTACHED.

SERVICING INSTRUCTIONS

1. DISCONNECT POWER CORD BEFORE SERVICING.
2. REPLACE CRITICAL COMPONENTS ONLY WITH FACTORY PARTS OR RECOMMED EQUIVALENTS.
3. FOR AC LINE POWERED UNITS – BEFORE RETURNING REPAIRED UNIT TO USER, USE AN OHMMETER TO MEASURE FROM BOTH AC PLUG BLADES TO ALL EXPOSED METALLIC PARTS. THE RESISTANCESHOULD BE MORE THAN 100,000 OHMS.

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Main section

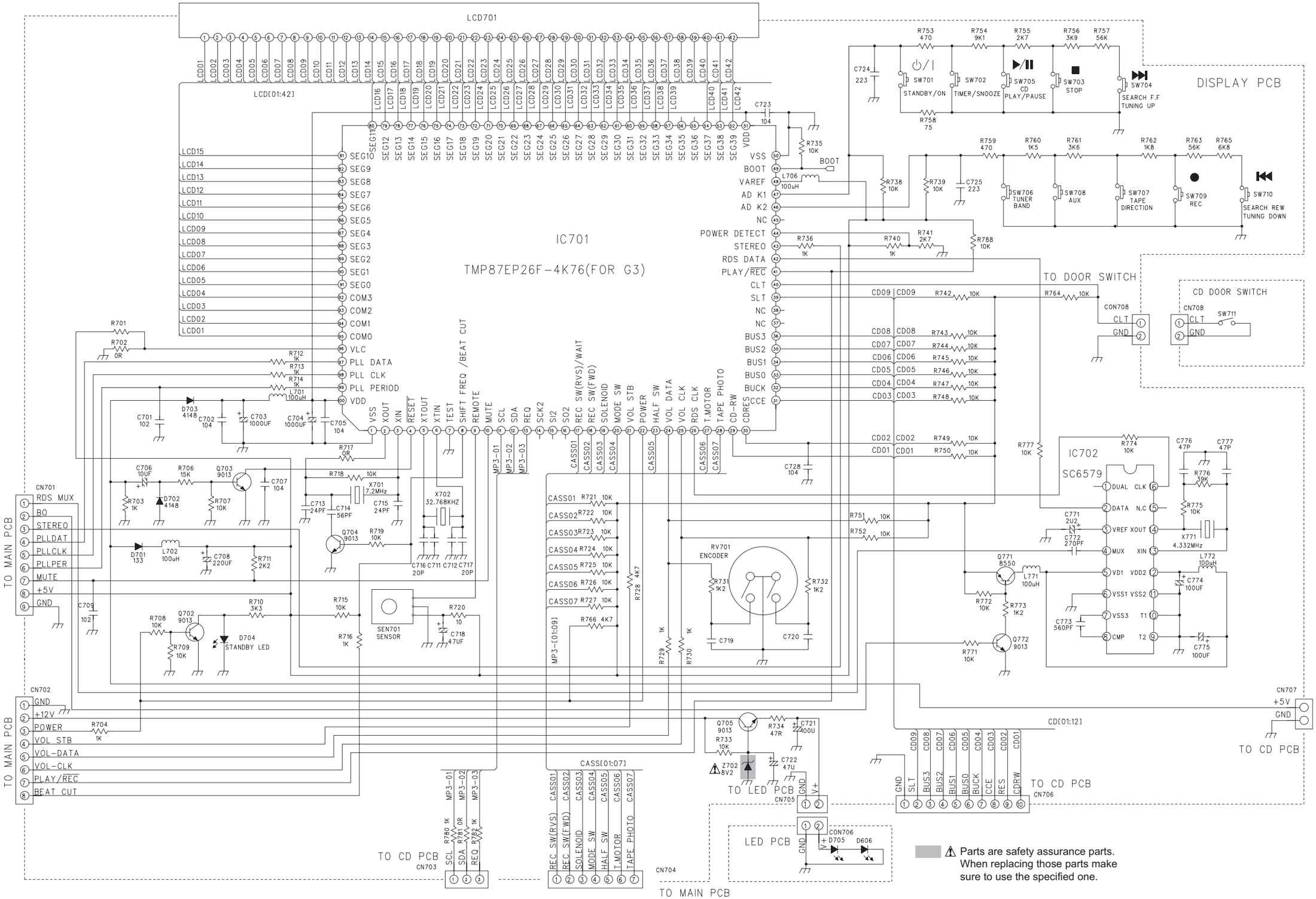


STATION	AM	FM
BO	L	H
B1	L	L

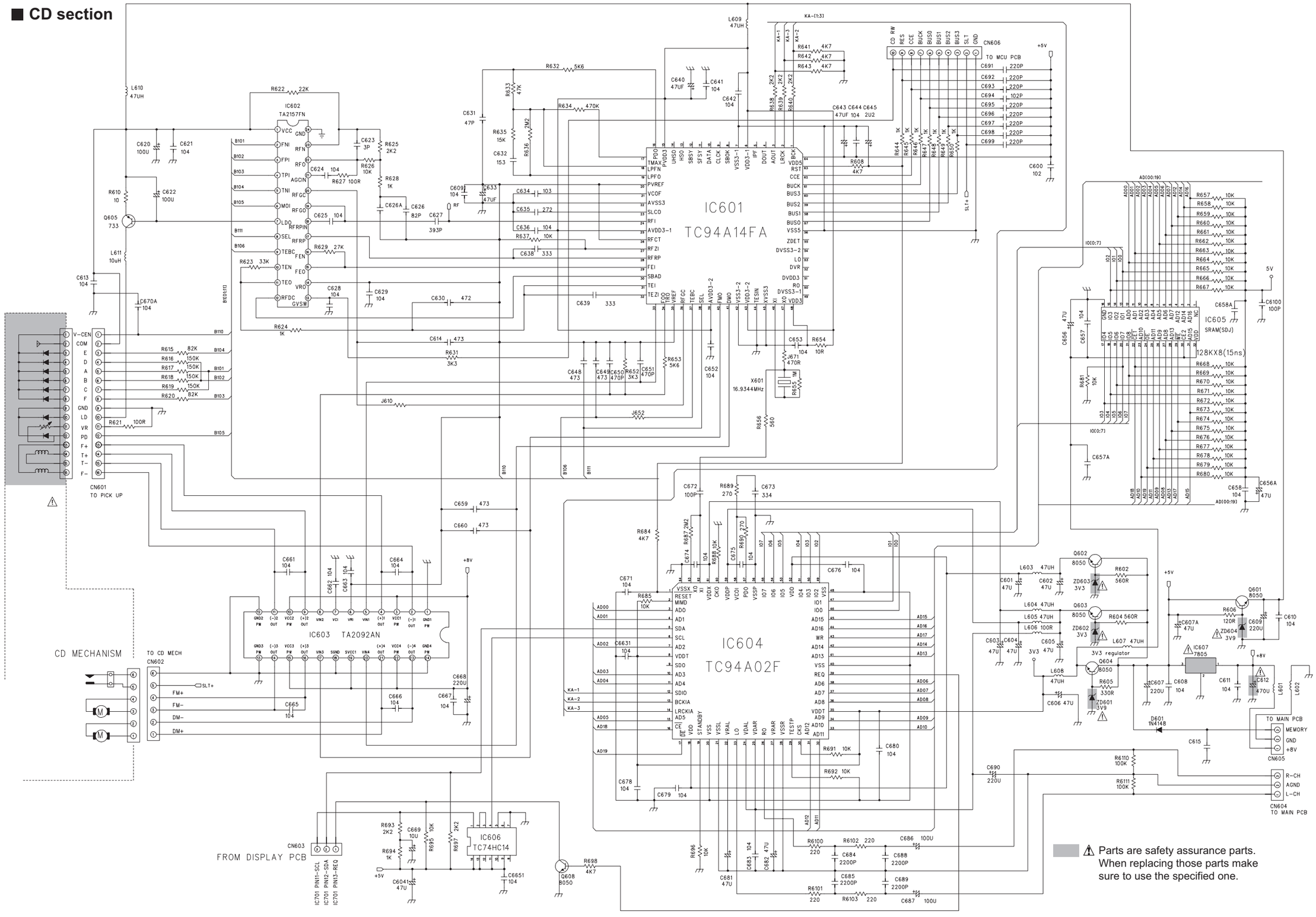
VT VOLT. ADJ.		
VT	LOW	HIGH
AM	1.6V	8.5V
FM	2.4V	8.5V

⚠ Parts are safety assurance parts.
When replacing those parts make sure to use the specified one.

■ Display section



■ CD section


IC601
TC94A14FA
IC602
TA2157FN
IC603
TA2092AN
IC604
TC94A02F
IC605
SRAM(SDJ)
128KX8(15ns)
IC606
TC74HC14
IC607
7805
CN601
TO PICK UP
CN602
TO CD MECH
CD MECHANISM
CN603
FROM DISPLAY PCB
CN604
TO MAIN PCB
CN605
TO MAIN PCB
CN606
TO MCU PCB
X601
16.9344MHz
3V3 regulator
Parts are safety assurance parts.
When replacing those parts make
sure to use the specified one.

Voltage table

	IC101	IC102	IC201	IC202	IC301	IC401	IC402	IC602	IC603	IC606	IC607	IC702	IC801
PIN1	2V	2.3V	0.2V	0V	0V	2.5V	16V	3.4V	0V	5 V	9.2 V	NC	0V
PIN2	2.5V	2.3V	0V	0V	1.5V	2.5V	12V	2.4V	4.3V	0 V	0 V	2.4	22.5V
PIN3	0.9V	4.6V	0V	0V	3.1V	2.5V	0V	2.4V	9.2V	0 V	5 V	2.4	0.0
PIN4	2V	4.6V	1.5V	3.4V	1.8V	0V	3.4V	2.4V	4.3V	5 V		2.4	-22.5V
PIN5	1.5V	0.5V	0V	1.4V	1.9V	3V		2.3V	2.2V	0 V		4.8	0V
PIN6	4.8V	0.1V	6.5V	1.3V	3.1V	2.5V		0.6V	1.7V	NC		0.0	0V
PIN7	1.8V	2.6V	0V	0V	3.1V	2.5V		2.7V	4.3V	0 V		2.4	0V
PIN8	0V	0V	0V	0V	3.1V	5V		0.1V	2.2V	NC		2.4	0V
PIN9	2.8V	NC	0.2V	1.3V	3.1V			2.2V	4.3V	5 V		0.0	0V
PIN10	0.1V	0V		1.4V	3.1V			2.3V	9.2V	NC		0.0	0V
PIN11	0.1V	NC		3.4V	3.1V			1.7V	4.3V	5 V		0.0	0V
PIN12	2.2V	4.6V		0V	3.1V			1.3V	0V	NC		4.8	0V
PIN13	2.2V	0V		6.7V	3.1V			4V	0V	5 V		2.4	0V
PIN14	1V	2.3V		6.7V	4.6V			1.7V	4.3V	5 V		2.4	0V
PIN15	3.6V	0V			4.6V			1.7V	9.2V			NC	22.5V
PIN16	3.4V	2.3V			0V			2.3V	4.3V			2.4	
PIN17	1.5V	4.6V			3.1V			1V	2.2V				
PIN18	2.6V	NC			3.1V			2.6V	0V				
PIN19	1.8V	1.1V			3.1V			1.4V	9.2V				
PIN20	2.1V	1.1V			3.1V			2.2V	2.2V				
PIN21	2.3V				3.1V			2.7V	4.3V				
PIN22	2V				3.1V			0.8V	9.2V				
PIN23	4.8V				3.1V			2V	4.3V				
PIN24	2V				1.9V			0V	0V				
PIN25					1.8V								
PIN26					3.1V								
PIN27					1.5V								
PIN28					6.2V								

IC701							
PIN1	0 V	PIN26	3.5 V	PIN51	5 V	PIN76	3 V
PIN2	2.4 V	PIN27	NC	PIN52	NC	PIN77	3 V
PIN3	2.4 V	PIN28	NC	PIN53	NC	PIN78	3 V
PIN4	4.8 V	PIN29	0.1 V	PIN54	NC	PIN79	3 V
PIN5	3 V	PIN30	0.1 V	PIN55	NC	PIN80	3 V
PIN6	2.8 V	PIN31	0.1 V	PIN56	NC	PIN81	3 V
PIN7	0 V	PIN32	0.1 V	PIN57	3 V	PIN82	3 V
PIN8	0.1 V	PIN33	0.1 V	PIN58	3 V	PIN83	3 V
PIN9	5 V	PIN34	0.1 V	PIN59	3 V	PIN84	3 V
PIN10	0.1 V	PIN35	0.1 V	PIN60	3 V	PIN85	3 V
PIN11	0.1 V	PIN36	0.1 V	PIN61	3 V	PIN86	3 V
PIN12	0.1 V	PIN37	NC	PIN62	3 V	PIN87	3 V
PIN13	3 V	PIN38	NC	PIN63	3 V	PIN88	3 V
PIN14	NC	PIN39	0.1 V	PIN64	3 V	PIN89	3 V
PIN15	NC	PIN40	5.5 V	PIN65	3 V	PIN90	3 V
PIN16	NC	PIN41	2.5 V	PIN66	3 V	PIN91	3 V
PIN17	NC	PIN42	3.3 V	PIN67	3 V	PIN92	3 V
PIN18	4.9 V	PIN43	4.9 V	PIN68	3 V	PIN93	3 V
PIN19	NC	PIN44	3.6 V	PIN69	3 V	PIN94	3 V
PIN20	NC	PIN45	5 V	PIN70	3 V	PIN95	3 V
PIN21	0.1 V	PIN46	4.9 V	PIN71	3 V	PIN96	3 V
PIN22	4.9 V	PIN47	5 V	PIN72	3 V	PIN97	1.8 V
PIN23	NC	PIN48	5 V	PIN73	3 V	PIN98	5.5 V
PIN24	0.1 V	PIN49	2 V	PIN74	3 V	PIN99	5.5 V
PIN25	0.1 V	PIN50	0 V	PIN75	3 V	PIN100	5 V

IC604							
PIN1	3.8 V	PIN17	3.3 V	PIN33	3.3 V	PIN49	3.3 V
PIN2	3.3 V	PIN18	2.4 V	PIN34	3.3 V	PIN50	3.3 V
PIN3	3.3 V	PIN19	2 V	PIN35	3.3 V	PIN51	3.3 V
PIN4	3.3 V	PIN20	0 V	PIN36	3.3 V	PIN52	2.5 V
PIN5	5 V	PIN21	0 V	PIN37	3.3 V	PIN53	3.3 V
PIN6	5 V	PIN22	2.5 V	PIN38	3.3 V	PIN54	3.3 V
PIN7	3.3 V	PIN23	1.2 V	PIN39	0 V	PIN55	3.3 V
PIN8	3.3 V	PIN24	2.4 V	PIN40	0 V	PIN56	0 V
PIN9	NC	PIN25	2.4 V	PIN41	3.3 V	PIN57	0.9 V
PIN10	3.3 V	PIN26	1.2 V	PIN42	3.3 V	PIN58	1 V
PIN11	3.3 V	PIN27	2.5 V	PIN43	3.3 V	PIN59	2.5 V
PIN12	1 V	PIN28	0 V	PIN44	3.3 V	PIN60	3.3 V
PIN13	2 V	PIN29	2 V	PIN45	3.3 V	PIN61	2.5 V
PIN14	2 V	PIN30	3.3 V	PIN46	3.3 V	PIN62	2.5 V
PIN15	3.3 V	PIN31	3.3 V	PIN47	3.3 V	PIN63	1.2 V
PIN16	3.3 V	PIN32	3.3 V	PIN48	0 V	PIN64	0 V

	E	B	C		E	B	C
Q101	12V	11.3V	12V	Q403	5V	5.6V	11.6V
Q102	0V	0.7V	0V	Q404	0V	0V	0V
Q103	1V	1.7V	10.6V	Q405	0V	12V	12V
Q104	3.7V	4.4V	0V	Q406	0V	0V	12V
Q105	3.4V	4V	5V	Q407	12V	11.8V	-1.4V
Q106	0V	0V	3.6V	Q408	0V	0V	12V
Q107	0V	0V	0V	Q409	8.5V	9.1V	11.6V
Q108	8.2V	8.2V	7.5V	Q410	0V	0V	3.3V
Q109	0V	0.7V	0.1V	Q441	0V	0V	11V
Q110	0V	0.6V	0.7V	Q442	11V	11V	0V
Q111	0.6V	1.1V	0.7V	Q443	11V	11V	0.6V
Q112	0V	0.6V	1.8V	Q444	0V	0V	11V
Q113	0.6V	1.1V	1.8V	Q445	0V	0.4V	0.6V
Q114	0V	0V	1.3V	Q481	5.5V	6.2V	11V
Q208	0V	0V	0.7V	Q482	0V	0.7V	0.1V
Q209	0V	0V	0V	Q601	3.3V	3.9V	5V
Q210	8.4V	8.4V	0V	Q602	2.5V	3.3V	5V
Q211	0V	0V	8.4V	Q603	2.5V	3.3V	5V
Q212	0V	0.6V	0V	Q604	3.3V	3.9V	5V
Q213	0V	0V	5.4V	Q605	3.3V	2.7V	1.5V
Q214	0V	0V	0V	Q608	0V	0V	5.4V
Q215	0V	0V	0V	Q702	0V	0.7V	0V
Q216	0V	0.6V	0V	Q703	0V	0.7V	0V
Q217	0.6V	0.6V	0V	Q704	0V	0V	2.4V
Q218	0V	0V	0.1V	Q705	7.5V	8.2V	12V
Q219	0V	0V	0.1V	Q771	4.8V	4.2V	4.8V
Q220	0V	0V	0V	Q772	0V	0.7V	0.1V
Q221	0V	0V	0V	Q801	0V	0V	0.1V
Q222	0V	0.6V	0V	Q803	0V	0V	0.1V
Q401	0V	0V	0V	Q804	0V	0.7V	0V
Q402	0V	0V	0V				

IC801							
PIN1	2.5 V	PIN17	0.1 V	PIN33	2.2 V	PIN49	NC
PIN2	2.5 V	PIN18	2.6 V	PIN34	2.1 V	PIN50	NC
PIN3	0.1 V	PIN19	3.3 V	PIN35	1.7 V	PIN51	NC
PIN4	NC	PIN20	1.7 V	PIN36	2.2 V	PIN52	NC
PIN5	NC	PIN21	2.7 V	PIN37	2.2 V	PIN53	NC
PIN6	3.3 V	PIN22	0 V	PIN38	0.1 V	PIN54	NC
PIN7	0 V	PIN23	2.1 V	PIN39	3.3 V	PIN55	NC
PIN8	NC	PIN24	2.4 V	PIN40	2.2 V	PIN56	0 V
PIN9	NC	PIN25	3.3 V	PIN41	2.2 V	PIN57	0.8 V
PIN10	NC	PIN26	1.7 V	PIN42	0 V	PIN58	0.8 V
PIN11	NC	PIN27	2.4 V	PIN43	3.3 V	PIN59	0.8 V
PIN12	NC	PIN28	1 V	PIN44	0 V	PIN60	0.8 V
PIN13	NC	PIN29	0.8 V	PIN45	0 V	PIN61	5.4 V
PIN14	NC	PIN30	1.3 V	PIN46	2.7 V	PIN62	5.4 V
PIN15	3.3 V	PIN31	2 V	PIN47	1.6 V	PIN63	4.4 V
PIN16	2.3 V	PIN32	2.4 V	PIN48	3.3 V	PIN64	5 V

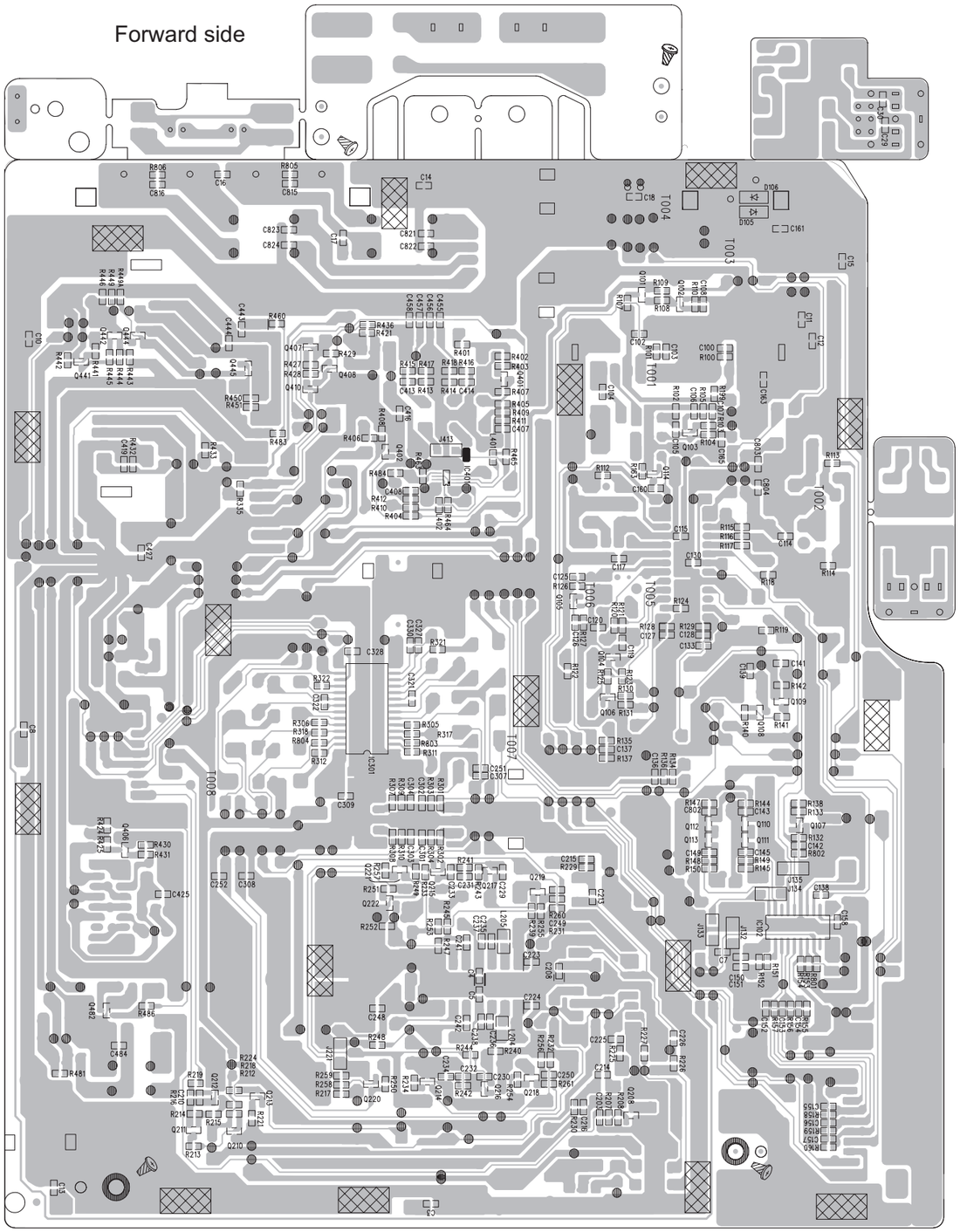
IC605			
PIN1	NC	PIN17	3.3 V
PIN2	3.3 V	PIN18	3.3 V
PIN3	3.3 V	PIN19	3.3 V
PIN4	3.3 V	PIN20	3.3 V
PIN5	3.3 V	PIN21	3.3 V
PIN6	3.3 V	PIN22	3.3 V
PIN7	3.3 V	PIN23	3.3 V
PIN8	3.3 V	PIN24	3.3 V
PIN9	3.3 V	PIN25	3.3 V
PIN10	3.3 V	PIN26	3.3 V
PIN11	3.3 V	PIN27	3.3 V
PIN12	3.3 V	PIN28	3.3 V
PIN13	3.3 V	PIN29	3.3 V
PIN14	3.3 V	PIN30	3.3 V
PIN15	3.3 V	PIN31	3.3 V
PIN16	0 V	PIN32	3.3 V

Printed circuit boards

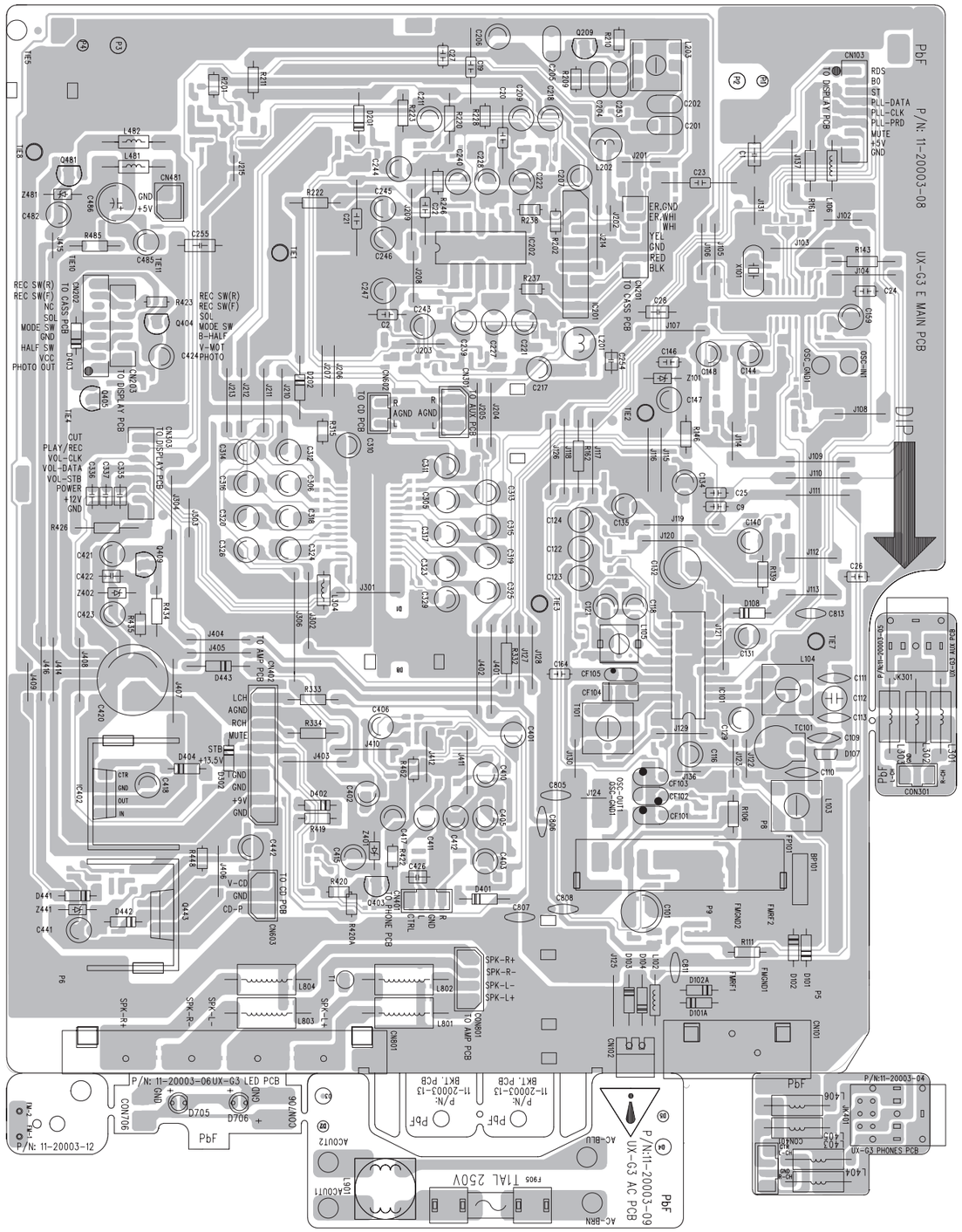
■ Main board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Forward side



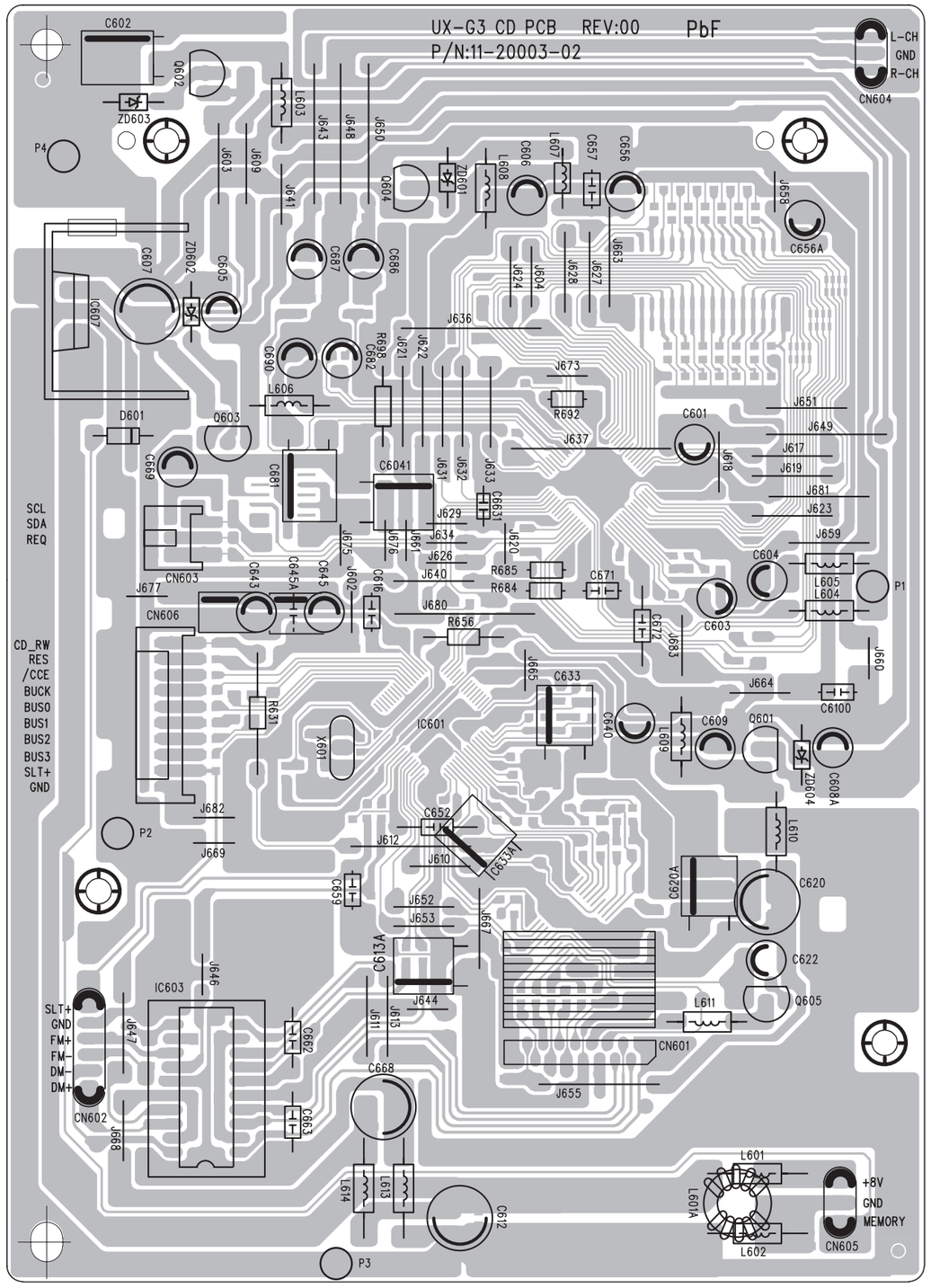
Reverse side



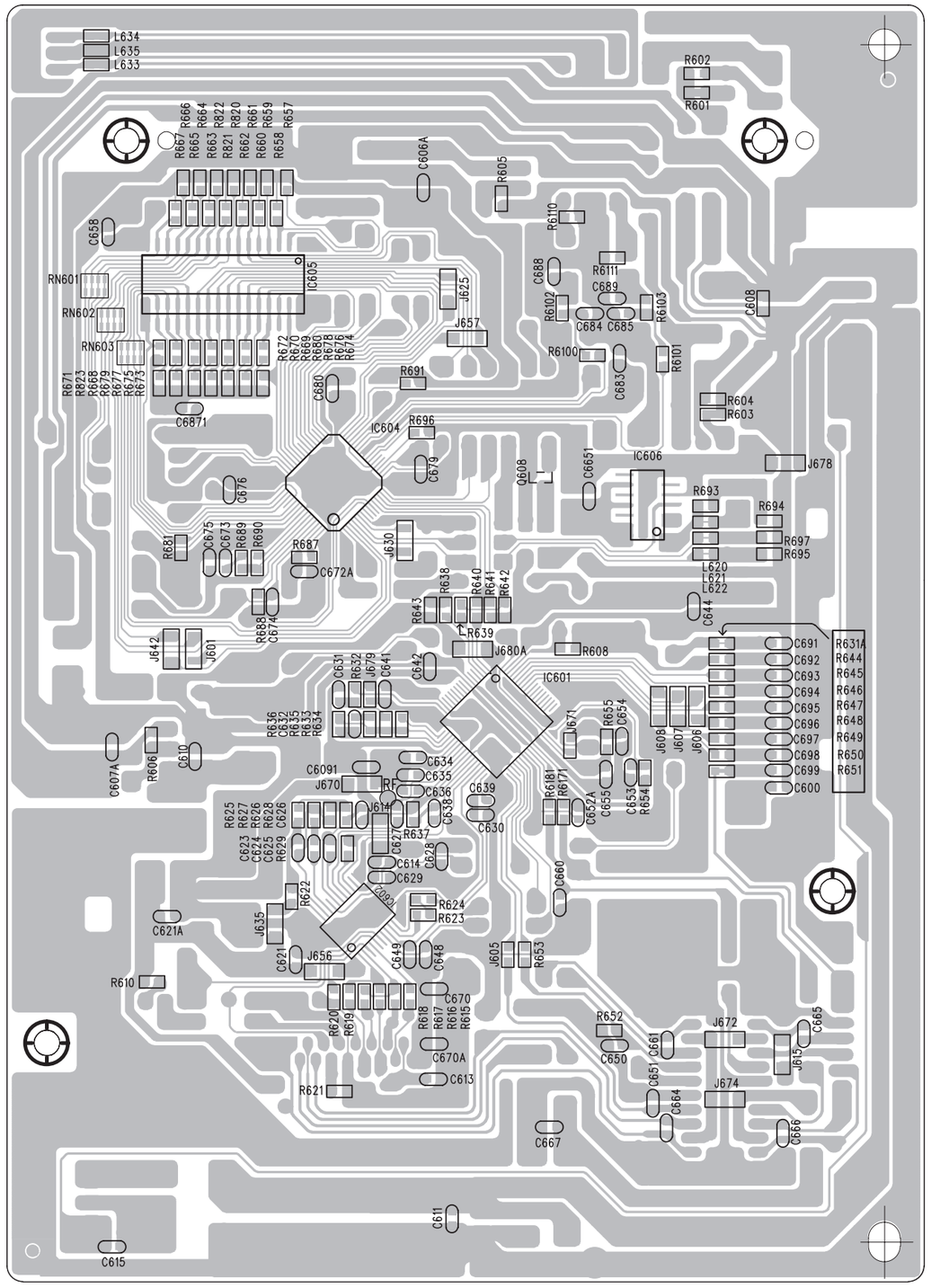
■ CD board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)



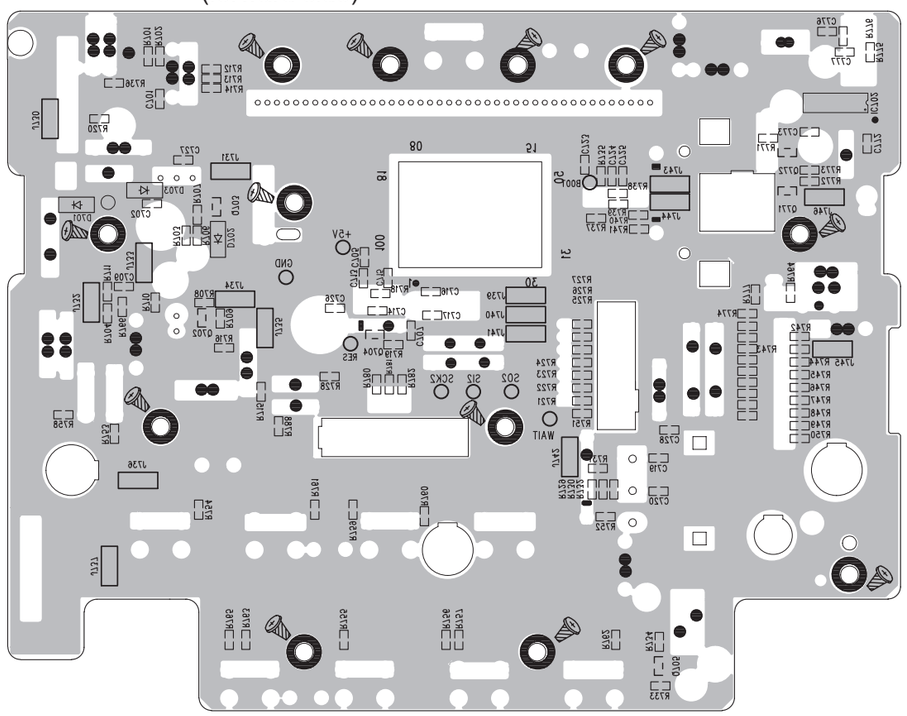
(reverse side)



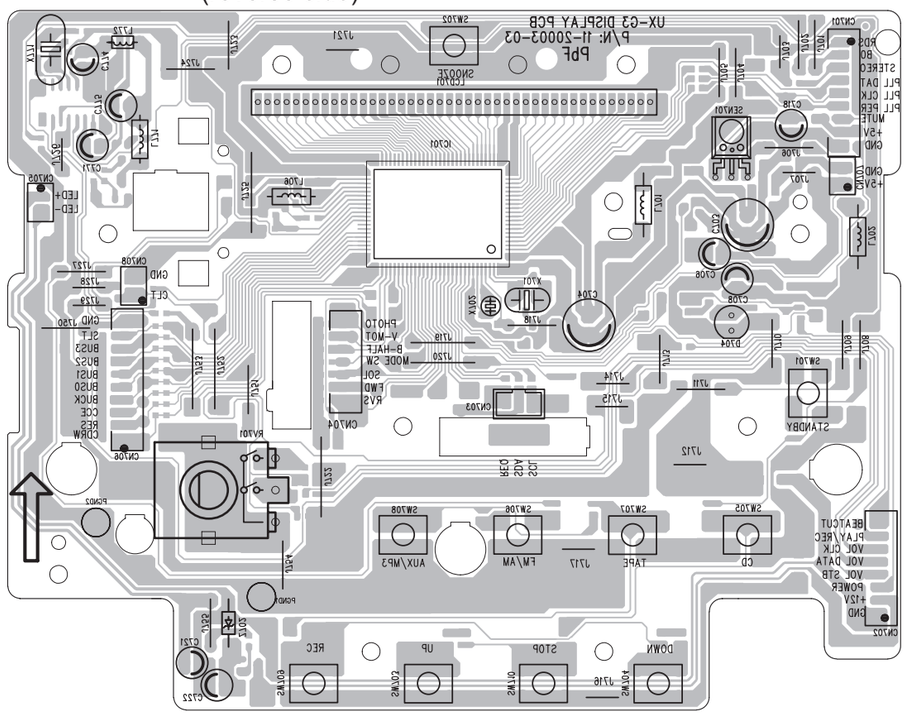
■ Front board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)



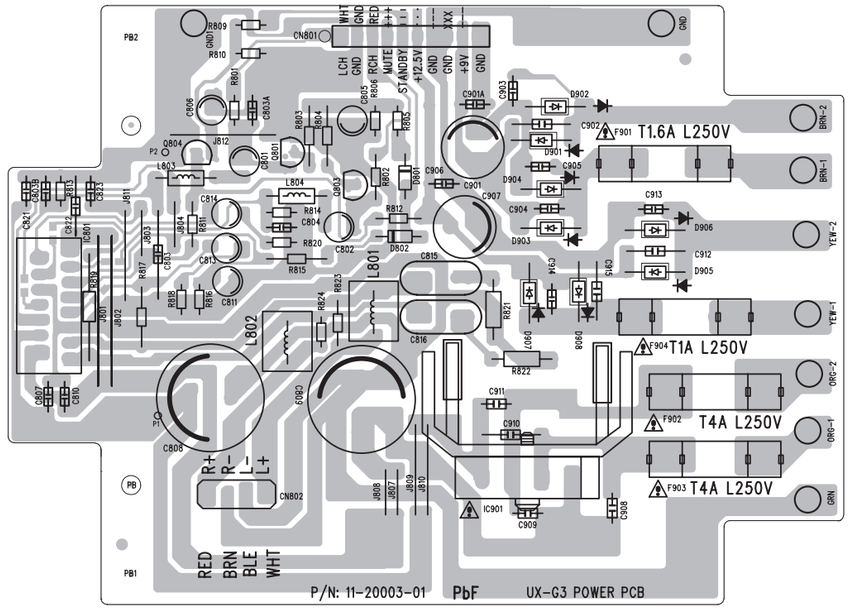
(reverse side)



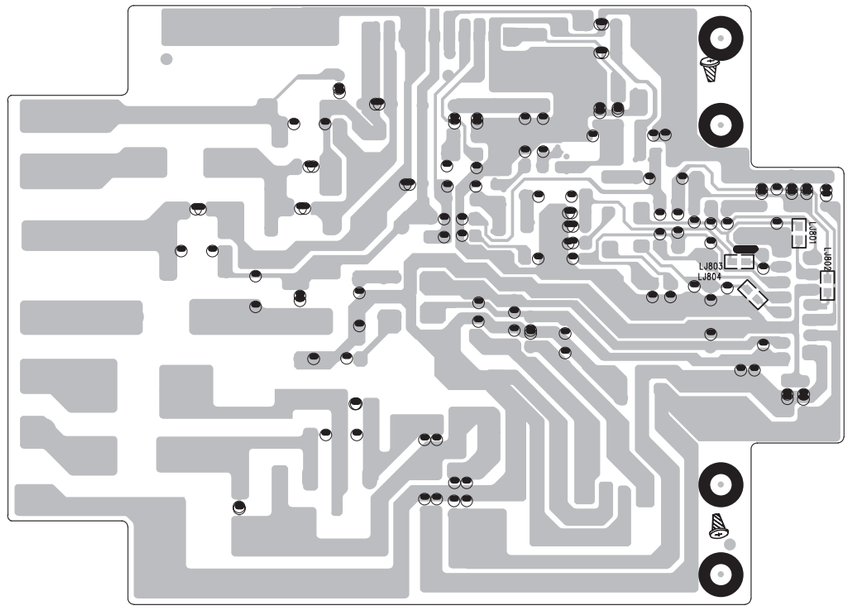
■ Trans board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)



(reverse side)



< MEMO >

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB371SCH)

Printed in Japan
VPT

PARTS LIST

[UX-G3]
[UX-G4]

* All printed circuit boards and its assemblies are not available as service parts.

Area suffix

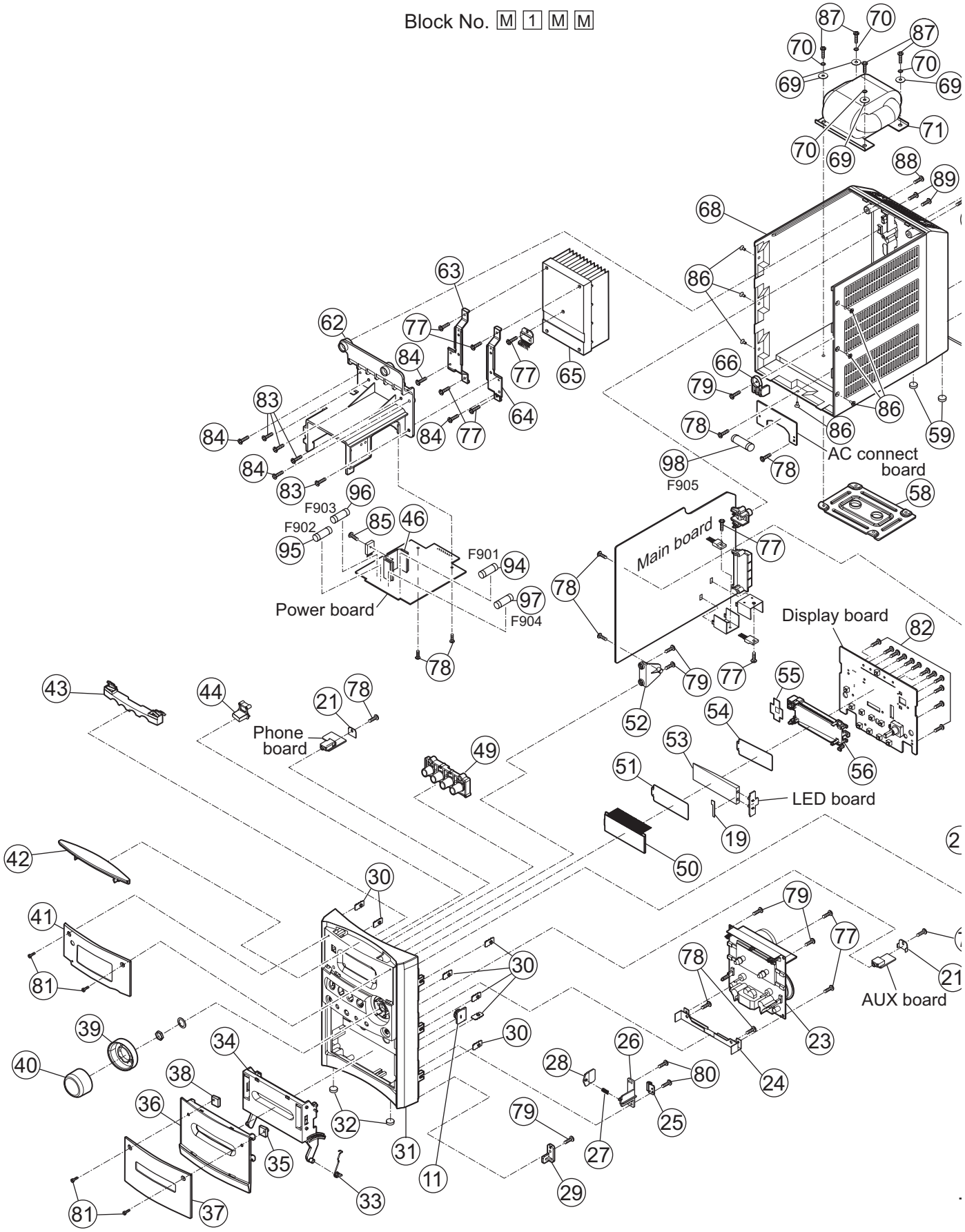
B ---------- U.K.
E ---------- Continental Europe
EN ---------- Northern Europe
EV ---------- Eastern Europe

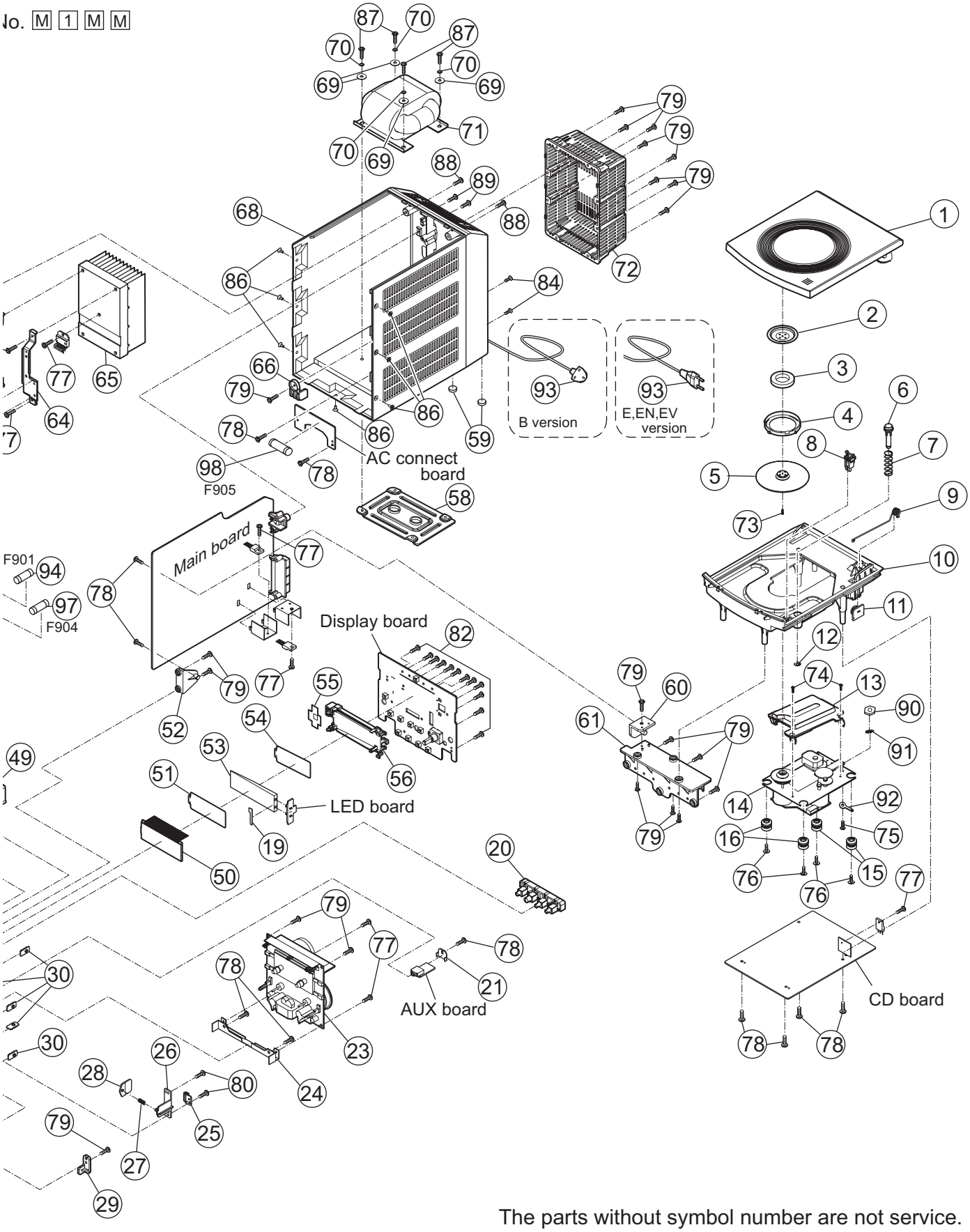
- Contents -

Exploded view of general assembly and parts list (Block No.M1) ---------- 3- 2
Electrical parts list (Block No.01~04) ---------- 3- 6
Packing materials and accessories parts list (Block No.M3) ---------- 3-14

Exploded view of general assembly and parts list

Block No. M 1 M M





The parts without symbol number are not service.

General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	OW66-00300-21	CD DOOR		
	2	OW39-20003-05	METAL PLATE		
	3	OW97-09019-80	P.C.MAGNET		
	4	OW49-00300-12	STABILIZER RING		
	5	OW55-07953-83	STABILIZER	SANYO CD PICK UP	
	6	OW55-00141-80	ROD		
	7	OW36-00003-80	EJECT SPRING		
	8	OW16-10101-81	CD DOOR SWITCH		
	9	OW36-00300-10	CD DOOR SPRING		
	10	OW48-00300-16	CD TRAY		
	11	OW63-00303-80	DAMPER GEAR	(x2)	
	12	OW35-00003-80	E RING		
	13	OW48-00088-88	PICK UP COVER		
⚠	14	OW98-20001-00	CD MECHA	DA11VF Sanyo	
	15	OW81-02750-82	CD DAMPER	Blue(x2)	
	16	OW81-02750-83	CD DAMPER	Gray(x2)	
	19	OW81-00300-02	LCD SPONGE		
	20	OW53-20003-02	KNOB B		
	21	OW11-20003-13	PCB BKT	(x2)	
	23	OW94-34309-00	CASSETTE MECHA		
	24	OW39-00300-21	MECHA BKT.		
	25	OW39-00300-25	SUPPORT BKT.		
	26	OW55-00005-81	LATCH HOLDER		
	27	OW36-00005-80	CASS SPRING		
	28	OW55-00005-80	LATCH		
	29	OW48-00300-20	SPRING BKT.		
	30	OW39-04200-81	PANEL FIXING	(x7)	
	31	OW60-00300-13	FRONT CABINET		
	32	OW81-00300-00	RUBBER FOOT	(x2)	
	33	OW36-00300-11	CASSETTE SPRING		
	34	OW48-00300-18	CASS DOOR BKT.		
	35	OW48-20003-00	POST BKT. A		
	36	OW66-00300-20	CASS DOOR		
	37	OW43-20003-00	CASS DOOR LENS		UXG3_B,UXG3_E,UXG3_EN,UXG3_EV
	37	OW43-20003-06	CASS DOOR LENS		UXG4_B,UXG4_E,UXG4_EN,UXG4_EV
	38	OW48-20003-01	POST BKT. B		
	39	OW49-00300-11	VOLUME RING		
	40	OW53-20003-00	VOLUME KNOB		
	41	OW43-20003-01	DISPLAY LENS		
	42	OW53-00300-15	SNOOZE KNOB		
	43	OW48-00300-19	SNOOZE KNOB BKT		
	44	OW53-20003-03	POWER KNOB		
	46	OW39-20003-03	HEAT SINK A		
	49	OW53-20003-01	FUNCTION KNOB A		
	50	OW91-80300-00	LCD DISPLAY	LCD701	
	51	OW43-00300-20	LCD FILTER		
	52	OW48-00300-13	PCB BKT.		
	53	OW43-00300-23	LIGHT GUIDE		
	54	OW68-00300-10	LCD FILTER		
	55	OW68-00300-12	FELT		
	56	OW48-00300-10	LCD BKT.		
	58	OW39-20003-04	TRANS BKT		
	59	OW81-20003-00	RUBBER FOOT	(x2)	
	60	OW48-00300-12	PCB BKT. A		
	61	OW48-00300-17	CD TRAY BKT.		
	62	OW48-20003-02	POWER PCB BKT		
	63	OW39-20003-01	HEAT SINK BKT A		
	64	OW39-20003-02	HEAT SINK BKT B		
	65	OW39-20003-06	HEAT SINK		
⚠	66	OW49-00300-10	AC CORD HOLDER		
	68	OW61-20003-03	REAR CABINET		
	69	OW35-00030-80	METAL WASHER	F12 X F4 X 1mm(x4)	
	70	OW35-30009-80	SPRING WASHER	F4 X F7 X 1mm(x4)	
⚠	71	OW15-20003-02	POWER TRANS	T901	
	72	OW58-20003-00	REAR CABI COVER		
	73	OW40-92605-21	SCREW	F2.6 X 5	
	74	OW40-82006-51	SCREW	M2.0 X 6(x2)	
	75	OW40-83005-01	SCREW	M3.0 X 5	
	76	OW40-92610-43	SCREW	M2.6 X 10(x4)	
	77	OW40-83006-81	SCREW	M3.0 X 6(x10)	
	78	OW40-93008-11	SCREW	M3.0 X 8(x14)	
	79	OW40-93010-01	SCREW	M3.0 X 10(x21)	
	80	OW40-92610-01	SCREW	M2.6 X 10(x2)	
	81	OW40-00012-02	SCREW	M3 X 8(x4)	

⚠	Symbol No.	Part No.	Part Name	Description	Local
	82	OW40-92608-11	SCREW	M2.6 X 8(x12)	
	83	OW40-83010-52	SCREW	M3.0 X 10(x4)	
	84	OW40-93012-01	SCREW	M3 X 12(x6)	
	85	OW40-93012-03	SCREW	F3 X 12 WH/ST ZN	
	86	OW40-83006-22	SCREW	M3.0 X 6(x7)	
	87	OW40-84012-01	SCREW	M4.0 X 12(x4)	
	88	OW40-93014-01	SCREW	M3.0 X 14(x2)	
	89	OW40-92612-01	SCREW	M2.6 X 12(x2)	
	90	OW35-40007-80	STEEL NUT		
	91	OW35-20001-80	TOOTH WASHER	M3	
	92	OW35-30005-80	SOLDERING LUG		
⚠	93	OW30-20001-11	POWER CORD		UXG3_B,UXG4_B
⚠	93	OW30-20001-10	POWER CORD		UXG3_E,UXG3_EN,UXG3_EV,UXG4_E,UXG4_EN,UXG4_EV
⚠	94	OW33-57162-81	FUSE	1.6A 250V F901	
⚠	95	OW33-57402-80	FUSE	4A 250V F902	
⚠	96	OW33-57402-80	FUSE	4A 250V F903	
⚠	97	OW33-57102-80	FUSE	1A 250V F904	
⚠	98	OW33-57102-80	FUSE	1A 250V F905	

Electrical parts list

Main board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC101	TA2099	IC	OW03-02099-00	
IC102	TC9257F	IC	OW03-09257-81	
IC201	UPC1330HA	IC	OW03-01330-00	
IC202	AN7312E	IC	OW03-07312-80	
IC301	TC9422F	IC	OW03-09422-00	
IC401	LM4809MM	IC	OW03-04809-00	
⚠ IC402	KA78R12	IC	OW03-07812-04	
Q101	8550	TRANSISTOR	OW01-08550-86	
Q102	8050	TRANSISTOR	OW01-08050-81	
Q103	9018	TRANSISTOR	OW01-09018-81	
Q104	8550	TRANSISTOR	OW01-08550-86	
Q105	2SC945P	TRANSISTOR	OW01-09014-85	
Q106	2SC945P	TRANSISTOR	OW01-09014-85	
Q107	2SC945P	TRANSISTOR	OW01-09014-85	
Q108	8550	TRANSISTOR	OW01-08550-86	
Q109	2SC945P	TRANSISTOR	OW01-09014-85	
Q110	2SC945P	TRANSISTOR	OW01-09014-85	
Q111	2SC945P	TRANSISTOR	OW01-09014-85	
Q112	2SC945P	TRANSISTOR	OW01-09014-85	
Q113	2SC945P	TRANSISTOR	OW01-09014-85	
Q114	9018	TRANSISTOR	OW01-09018-81	
Q208	2SC2412K	TRANSISTOR	OW01-02412-80	
Q209	2SC945-P	TRANSISTOR	OW01-00945-80	
Q210	8550	TRANSISTOR	OW01-08550-86	
Q211	2SC945P	TRANSISTOR	OW01-09014-85	
Q212	2SC945P	TRANSISTOR	OW01-09014-85	
Q213	8050	TRANSISTOR	OW01-08050-81	
Q214	8050	TRANSISTOR	OW01-08050-81	
Q215	8050	TRANSISTOR	OW01-08050-81	
Q216	8050	TRANSISTOR	OW01-08050-81	
Q217	8050	TRANSISTOR	OW01-08050-81	
Q218	8050	TRANSISTOR	OW01-08050-81	
Q219	8050	TRANSISTOR	OW01-08050-81	
Q220	8050	TRANSISTOR	OW01-08050-81	
Q221	8050	TRANSISTOR	OW01-08050-81	
Q222	8050	TRANSISTOR	OW01-08050-81	
Q401	8050	TRANSISTOR	OW01-08050-81	
Q402	8050	TRANSISTOR	OW01-08050-81	
Q403	8050	TRANSISTOR	OW01-08050-81	
Q404	8050	TRANSISTOR	OW01-08050-81	
Q405	8550D	TRANSISTOR	OW01-08550-04B	
Q406	2SC945P	TRANSISTOR	OW01-09014-85	
Q407	8550	TRANSISTOR	OW01-08550-86	
Q408	2SC945P	TRANSISTOR	OW01-09014-85	
⚠ Q409	2SC1383R	TRANSISTOR	OW01-01383-80	
Q410	2SC945P	TRANSISTOR	OW01-09014-85	
Q441	2SC945P	TRANSISTOR	OW01-09014-85	
Q442	8550	TRANSISTOR	OW01-08550-86	
⚠ Q443	2SB1375	TRANSISTOR	OW01-01375-80	
Q444	2SC945P	TRANSISTOR	OW01-09014-85	
Q445	2SC945P	TRANSISTOR	OW01-09014-85	
Q481	2SC1383R	TRANSISTOR	OW01-01383-80	
Q482	2SC945P	TRANSISTOR	OW01-09014-85	
D103	1N4148	GE DIODE	OW02-04148-81	
D104	1N4148	GE DIODE	OW02-04148-81	
D107	SVC348T	VARI CAP DIODE	OW02-00348-81B	
D108	1N4148	GE DIODE	OW02-04148-81	
D201	1N4148	GE DIODE	OW02-04148-81	
D202	1N4148	GE DIODE	OW02-04148-81	
D302	1N4148	GE DIODE	OW02-04148-81	
D401	1N4148	GE DIODE	OW02-04148-81	
D402	1N4148	GE DIODE	OW02-04148-81	
D403	1N4001	DIODE	OW02-04001-81	
D404	1N4148	GE DIODE	OW02-04148-81	
D441	1N4148	GE DIODE	OW02-04148-81	
D442	1N4148	GE DIODE	OW02-04148-81	
D443	1N4148	GE DIODE	OW02-04148-81	
D705	KL-3M4	LED	OW02-30005-80	
D706	KL-3M4	LED	OW02-30005-80	
D101A	1N4148	GE DIODE	OW02-04148-81	
D102A	1N4148	GE DIODE	OW02-04148-81	
C1	OW05-77102-10	C CAPACITOR	Axial 1000pF	
C2	OW05-77101-05	C CAPACITOR	Axial 100pF	
C4	OW05-73101-05	C CAPACITOR	100pF	
C5	OW05-73101-05	C CAPACITOR	100pF	
C7	OW05-73103-00	C CAPACITOR	0.01uF	
C9	OW05-77103-20	C CAPACITOR	Axial 0.01uF	
C11	OW05-73200-05	C CAPACITOR	20pF	
C18	OW05-73221-05	C CAPACITOR	220pF	
C19	OW05-77101-05	C CAPACITOR	Axial 100pF	
C20	OW05-77101-05	C CAPACITOR	Axial 100pF	
C21	OW05-77103-20	C CAPACITOR	Axial 0.01uF	
C22	OW05-77101-05	C CAPACITOR	Axial 100pF	
C23	OW05-77103-20	C CAPACITOR	Axial 0.01uF	
C24	OW05-77103-20	C CAPACITOR	Axial 0.01uF	
C25	OW05-77103-20	C CAPACITOR	Axial 0.01uF	
C29	OW05-73102-00	C CAPACITOR	1000pF	
C30	OW05-73102-00	C CAPACITOR	1000pF	
C100	OW05-73473-00	C CAPACITOR	0.047uF	
C101	OW06-71477-20	E CAPACITOR	470uF 16V	
C102	OW05-70104-00	C CAPACITOR	0.1uF 50V	
C103	OW05-73223-00	C CAPACITOR	0.022uF	
C104	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
C105	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
C106	OW05-73103-00	C CAPACITOR	0.01uF	
C107	OW05-73223-00	C CAPACITOR	0.022uF	
C109	OW05-70223-10	C CAPACITOR	0.022uF	
C110	OW05-70050-05	C CAPACITOR	5pF 50V	
C111	OW05-70108-05	C CAPACITOR	18pF 50V	
C112	OW05-79361-05	P CAPACITOR	360pF	
C113	OW05-70220-05	C CAPACITOR	22pF	
C114	OW05-73223-00	C CAPACITOR	0.022uF	
C115	OW05-73223-00	C CAPACITOR	0.022uF	
C116	OW06-72336-20	E CAPACITOR	33uF 25V	
C117	OW05-73020-05	C CAPACITOR	2pF	
C118	OW06-75105-20	E CAPACITOR	1uF 50V	
C119	OW05-73221-05	C CAPACITOR	220pF	
C120	OW05-73471-05	C CAPACITOR	470pF	
C121	OW06-75105-20	E CAPACITOR	1uF 50V	
C122	OW06-75474-20	E CAPACITOR	0.47uF 50V	
C123	OW06-75105-20	E CAPACITOR	1uF 50V	
C124	OW06-75104-20	E CAPACITOR	0.1uF 50V	
C125	OW05-73300-05	C CAPACITOR	30pF	
C126	OW05-73103-00	C CAPACITOR	0.01uF	
C127	OW05-73103-00	C CAPACITOR	0.01uF	
C128	OW05-73103-00	C CAPACITOR	0.01uF	
C129	OW06-75105-20	E CAPACITOR	1uF 50V	
C130	OW05-70104-00	C CAPACITOR	0.1uF 50V	
C131	OW06-75225-20	E CAPACITOR	2.2uF 50V	
C132	OW06-71477-20	E CAPACITOR	470uF 16V	
C133	OW05-70104-00	C CAPACITOR	0.1uF 50V	
C134	OW06-75104-20	E CAPACITOR	0.1uF 50V	
C135	OW06-75104-20	E CAPACITOR	0.1uF 50V	
C136	OW05-73392-00	C CAPACITOR	0.0039uF	
C137	OW05-73392-00	C CAPACITOR	0.0039uF	
C138	OW05-73102-00	C CAPACITOR	1000pF	
C139	OW05-70104-00	C CAPACITOR	0.1uF 50V	
C140	OW06-70227-20	E CAPACITOR	220uF 10V	
C141	OW05-73223-00	C CAPACITOR	0.022uF	
C142	OW05-73102-00	C CAPACITOR	1000pF	
C143	OW05-73223-00	C CAPACITOR	0.022uF	
C144	OW06-75335-20	E CAPACITOR	3.3uF 50V	
C145	OW05-73223-00	C CAPACITOR	0.022uF	
C146	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C147	OW06-71227-20	E CAPACITOR	220uF 16V	
⚠ C148	OW06-75105-20	E CAPACITOR	1uF 50V	
C149	OW05-73223-00	C CAPACITOR	0.022uF	
C150	OW05-73330-05	C CAPACITOR	33pF	
C151	OW05-73330-05	C CAPACITOR	33pF	
C152	OW05-73330-05	C CAPACITOR	33pF	
C153	OW05-73101-05	C CAPACITOR	100pF	
C154	OW05-73101-05	C CAPACITOR	100pF	
C158	OW05-73223-00	C CAPACITOR	0.022uF	
C159	OW06-70227-20	E CAPACITOR	220uF 10V	
C160	OW05-73820-05	C CAPACITOR	82pF	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C161	OW05-73101-05	C CAPACITOR	100pF	
C162	OW05-77474-82	C CAPACITOR	360pF 50V	
C201	OW05-72152-10	M CAPACITOR	0.0015uF	
C202	OW05-72183-10	M CAPACITOR	0.018uF	
C203	OW05-73104-00	C CAPACITOR	0.1uF	
C204	OW05-72102-10	M CAPACITOR	0.001uF	
C205	OW05-72102-10	M CAPACITOR	0.001uF	
C206	OW06-71107-20	E CAPACITOR	100uF 16V	
C207	OW06-70227-20	E CAPACITOR	220uF 10V	
C208	OW05-73223-00	C CAPACITOR	0.022uF	
C209	OW06-70227-20	E CAPACITOR	220uF 10V	
C210	OW05-73223-00	C CAPACITOR	0.022uF	
C211	OW06-72106-20	E CAPACITOR	10uF 25V	
C213	OW05-73820-05	C CAPACITOR	82pF	
C214	OW05-73820-05	C CAPACITOR	82pF	
C215	OW05-73182-00	C CAPACITOR	1800pF	
C216	OW05-73182-00	C CAPACITOR	1800pF	
C217	OW06-75105-20	E CAPACITOR	1uF 50V	
C218	OW06-75105-20	E CAPACITOR	1uF 50V	
C221	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C222	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C223	OW05-73102-00	C CAPACITOR	1000pF	
C224	OW05-73102-00	C CAPACITOR	1000pF	
C225	OW05-73151-05	C CAPACITOR	150pF	
C226	OW05-73151-05	C CAPACITOR	150pF	
C227	OW06-70227-20	E CAPACITOR	220uF 10V	
C228	OW06-70227-20	E CAPACITOR	220uF 10V	
C229	OW05-73272-00	C CAPACITOR	2700pF	
C230	OW05-73272-00	C CAPACITOR	2700pF	
C231	OW05-73102-00	C CAPACITOR	1000pF	
C232	OW05-73102-00	C CAPACITOR	1000pF	
C233	OW05-73563-06F	C CAPACITOR	0.056uF	
C234	OW05-73563-06F	C CAPACITOR	0.056uF	
C235	OW05-73101-05	C CAPACITOR	100pF	
C236	OW05-73101-05	C CAPACITOR	100pF	
C237	OW05-73331-05	C CAPACITOR	330pF	
C238	OW05-73331-05	C CAPACITOR	330pF	
C239	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C240	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C241	OW05-73473-00	C CAPACITOR	0.047uF	
C242	OW05-73473-00	C CAPACITOR	0.047uF	
C243	OW06-75224-20	E CAPACITOR	0.22uF 50V	
C244	OW06-75224-20	E CAPACITOR	0.22uF 50V	
C245	OW06-72106-20	E CAPACITOR	10uF 25V	
C246	OW06-70227-20	E CAPACITOR	220uF 10V	
C247	OW06-71476-20	E CAPACITOR	47uF 16V	
C248	OW05-73223-00	C CAPACITOR	0.022uF	
C249	OW05-73271-05	C CAPACITOR	270pF	
C250	OW05-73271-05	C CAPACITOR	270pF	
C251	OW05-73223-00	C CAPACITOR	0.022uF	
C252	OW05-73223-00	C CAPACITOR	0.022uF	
C253	OW05-72103-10	M CAPACITOR	0.01uF	
C254	OW06-77104-82	C CAPACITOR	0.1uF	
C255	OW06-77104-82	C CAPACITOR	0.1uF	
C301	OW05-73471-00	C CAPACITOR	470pF	
C302	OW05-73471-00	C CAPACITOR	470pF	
C303	OW05-73102-00	C CAPACITOR	1000pF	
C304	OW05-73102-00	C CAPACITOR	1000pF	
⚠ C305	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C306	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C307	OW05-73152-00	C CAPACITOR	1500pF	
C308	OW05-73152-00	C CAPACITOR	1500pF	
C309	OW05-73223-00	C CAPACITOR	0.022uF	
C310	OW06-70227-20	E CAPACITOR	220uF 10V	
C311	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C312	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C313	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C314	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C315	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C316	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C317	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C318	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C319	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C320	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C321	OW05-73104-00	C CAPACITOR	0.1uF	
C322	OW05-73104-00	C CAPACITOR	0.1uF	
C323	OW06-75105-20	E CAPACITOR	1uF 50V	
C324	OW06-75105-20	E CAPACITOR	1uF 50V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C325	OW06-75334-20	E CAPACITOR	0.33uF 50V	
C326	OW06-75334-20	E CAPACITOR	0.33uF 50V	
C327	OW05-73103-00	C CAPACITOR	0.01uF	
C328	OW05-73103-00	C CAPACITOR	0.01uF	
C329	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C330	OW05-73104-00	C CAPACITOR	0.1uF	
C335	OW05-77221-05	C CAPACITOR	Axial 220pF	
C401	OW06-75225-20	E CAPACITOR	2.2uF 50V	
C402	OW06-75225-20	E CAPACITOR	2.2uF 50V	
C403	OW06-71336-20	E CAPACITOR	33uF 16V	
C405	OW06-75105-20	E CAPACITOR	1uF 50V	
C406	OW06-75105-20	E CAPACITOR	1uF 50V	
C407	OW05-73101-05	C CAPACITOR	100pF	
C408	OW05-73101-05	C CAPACITOR	100pF	
C410	OW06-75475-20	E CAPACITOR	4.7uF 50V	
C411	OW06-70227-20	E CAPACITOR	220uF 10V	
C412	OW06-70227-20	E CAPACITOR	220uF 10V	
C413	OW05-73104-00	C CAPACITOR	0.1uF	
C414	OW05-73104-00	C CAPACITOR	0.1uF	
C415	OW06-71107-20	E CAPACITOR	100uF 16V	
C416	OW05-73223-00	C CAPACITOR	0.022uF	
C417	OW06-70227-20	E CAPACITOR	220uF 10V	
C418	OW06-71107-20	E CAPACITOR	100uF 16V	
C419	OW05-73104-00	C CAPACITOR	0.1uF	
⚠ C420	OW06-72228-21	E CAPACITOR	2200uF 25V	
C421	OW06-70227-20	E CAPACITOR	220uF 10V	
C422	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C423	OW06-71476-20	E CAPACITOR	47uF 16V	
C424	OW06-72226-20	E CAPACITOR	22uF 25V	
C425	OW05-73223-00	C CAPACITOR	0.022uF	
C426	OW06-77104-82	C CAPACITOR	0.1uF	
C427	OW05-73104-00	C CAPACITOR	0.1uF	
C441	OW06-75335-20	E CAPACITOR	3.3uF 50V	
C442	OW06-72106-20	E CAPACITOR	10uF 25V	
C482	OW06-71476-20	E CAPACITOR	47uF 16V	
C484	OW05-73223-00	C CAPACITOR	0.022uF	
C485	OW06-72106-20	E CAPACITOR	10uF 25V	
C486	OW06-71477-20	E CAPACITOR	470uF 16V	
C805	OW05-70473-10	C CAPACITOR	0.047uF 50V	
C806	OW05-70102-10	C CAPACITOR	0.001uF	
C811	OW05-70103-10	C CAPACITOR	0.01uF	
C815	OW05-73104-00	C CAPACITOR	0.1uF	
C816	OW05-73104-00	C CAPACITOR	0.1uF	
TC101	OW05-08100-80	TR CAPACITOR	10pF 3P	
R100	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R101	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R102	OW07-75561-06	C RESISTOR	560Ω 1/16W	
R103	OW07-75332-06	C RESISTOR	3.3KΩ 1/16W	
R104	OW07-75331-06	C RESISTOR	330Ω 1/16W	
R105	OW07-75471-06	C RESISTOR	470Ω 1/16W	
R106	OW07-74101-50T	C RESISTOR	100Ω 1/8W	
R107	OW07-75100-06	C RESISTOR	10Ω 1/16W	
R108	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R109	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R110	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R111	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R112	OW07-75274-06	C RESISTOR	270KΩ 1/16W	
R113	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R114	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R115	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R116	OW07-75122-06	C RESISTOR	1.2 KΩ 1/16W	
R117	OW07-75101-06	C RESISTOR	100Ω 1/16W	
R118	OW07-75332-06	C RESISTOR	3.3KΩ 1/16W	
R119	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R120	OW07-75273-06	C RESISTOR	27KΩ 1/16W	
R121	OW07-75183-06	C RESISTOR	18KΩ 1/16W	
R122	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R123	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R124	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R125	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R126	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R127	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R128	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R129	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R130	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R131	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R132	OW07-75332-06	C RESISTOR	3.3KΩ 1/16W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R133	OW07-75563-06	C RESISTOR	56KΩ 1/16W	
R134	OW07-75183-06	C RESISTOR	18KΩ 1/16W	
R135	OW07-75183-06	C RESISTOR	18KΩ 1/16W	
R136	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R137	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R138	OW07-75473-06	C RESISTOR	47KΩ 1/16W	
R139	OW07-74151-50T	C RESISTOR	150Ω 1/8W	
R140	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R141	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R142	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R143	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R144	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R145	OW07-75152-06	C RESISTOR	1.5KΩ 1/16W	
R146	OW07-74221-50T	C RESISTOR	220Ω 1/8W	
R147	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R148	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R149	OW07-75561-06	C RESISTOR	560Ω 1/16W	
R150	OW07-75152-06	C RESISTOR	1.5KΩ 1/16W	
R151	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
R152	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R153	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R154	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R155	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R156	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R157	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R158	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R159	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R160	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R162	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R163	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R199	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R201	OW07-74221-50T	C RESISTOR	220Ω 1/8W	
R202	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
R207	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R208	OW07-75473-06	C RESISTOR	47KΩ 1/16W	
R209	OW07-74273-50T	C RESISTOR	27KΩ 1/8W	
R210	OW07-74047-05T	C RESISTOR	4.7Ω 1/8W	
R211	OW07-74220-50T	C RESISTOR	22Ω 1/8W	
R212	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R213	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R214	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R215	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R216	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R217	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R218	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R219	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R220	OW07-74101-00T	C RESISTOR	100Ω 1/4W	
R221	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R222	OW07-74221-00T	C RESISTOR	220Ω 1/4W	
R223	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
R224	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R225	OW07-75124-06	C RESISTOR	120KΩ 1/16W	
R226	OW07-75124-06	C RESISTOR	120KΩ 1/16W	
R227	OW07-75010-06	C RESISTOR	1 Ω1/16W	
R228	OW07-74331-50T	C RESISTOR	330Ω 1/8W	
R229	OW07-75183-06	C RESISTOR	18KΩ 1/16W	
R230	OW07-75183-06	C RESISTOR	18KΩ 1/16W	
R231	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R232	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R233	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R234	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R237	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
R238	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
R239	OW07-75180-06	C RESISTOR	18Ω 1/16W	
R240	OW07-75180-06	C RESISTOR	18Ω 1/16W	
R241	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R242	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R243	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R244	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R245	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R246	OW07-74472-50T	C RESISTOR	4.7 KΩ 1/8W	
R247	OW07-75153-06	C RESISTOR	15KΩ 1/16W	
R248	OW07-75153-06	C RESISTOR	15KΩ 1/16W	
R249	OW07-75153-06	C RESISTOR	15KΩ 1/16W	
R250	OW07-75153-06	C RESISTOR	15KΩ 1/16W	
R251	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R252	OW07-75684-06	C RESISTOR	680KΩ 1/16W	
R253	OW07-75823-06	C RESISTOR	82KΩ 1/16W	
R254	OW07-75823-06	C RESISTOR	82KΩ 1/16W	
R255	OW07-75750-06	C RESISTOR	75Ω 1/16W	
R256	OW07-75750-06	C RESISTOR	75Ω 1/16W	
R257	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R258	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R259	OW07-75473-06	C RESISTOR	47KΩ 1/16W	
R260	OW07-75124-06	C RESISTOR	120KΩ 1/16W	
R261	OW07-75124-06	C RESISTOR	120KΩ 1/16W	
R301	OW07-75473-06	C RESISTOR	47KΩ 1/16W	
R302	OW07-75473-06	C RESISTOR	47KΩ 1/16W	
R303	OW07-75123-06	C RESISTOR	12KΩ 1/16W	
R304	OW07-75123-06	C RESISTOR	12KΩ 1/16W	
R305	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R306	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R307	OW07-75273-06	C RESISTOR	27KΩ 1/16W	
R308	OW07-75273-06	C RESISTOR	27KΩ 1/16W	
R309	OW07-75822-06	C RESISTOR	8.2KΩ 1/16W	
R310	OW07-75822-06	C RESISTOR	8.2KΩ 1/16W	
R311	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R312	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R315	OW07-74331-50T	C RESISTOR	330Ω 1/8W	
R317	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R318	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R321	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R322	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R332	OW07-74100-05T	C RESISTOR	10KΩ 1/8W	
R333	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R334	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R335	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R401	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R402	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R403	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R404	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R405	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R406	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R407	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R408	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R409	OW07-75123-06	C RESISTOR	12KΩ 1/16W	
R410	OW07-75123-06	C RESISTOR	12KΩ 1/16W	
R413	OW07-75047-06	C RESISTOR	4.7Ω 1/16W	
R414	OW07-75047-06	C RESISTOR	4.7Ω 1/16W	
R415	OW07-75150-06	C RESISTOR	15Ω 1/16W	
R416	OW07-75150-06	C RESISTOR	15Ω 1/16W	
R417	OW07-75471-06	C RESISTOR	470Ω 1/16W	
R418	OW07-75471-06	C RESISTOR	470Ω 1/16W	
R419	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R420	OW07-74470-50T	C RESISTOR	47Ω 1/8W	
R421	OW07-75122-06	C RESISTOR	1.2 KΩ 1/16W	
R422	OW07-74220-50T	C RESISTOR	22Ω 1/8W	
⚠ R423	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
⚠ R424	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R425	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R426	OW07-74022-10	C RESISTOR	2.2Ω 1/2W	
R427	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R428	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R429	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R430	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R431	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R432	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R433	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R434	OW07-74100-00T	C RESISTOR	10Ω 1/4W	
R435	OW07-74561-50T	C RESISTOR	560Ω 1/8W	
R436	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
R441	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R442	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R443	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R444	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R445	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R446	OW07-75273-06	C RESISTOR	27KΩ 1/16W	
R448	OW07-74563-50T	C RESISTOR	56KΩ 1/8W	
R449	OW07-75751-06	C RESISTOR	750Ω 1/16W	
R450	OW07-75272-06	C RESISTOR	2.7 KΩ 1/16W	
R451	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R460	OW07-75332-06	C RESISTOR	3.3KΩ 1/16W	
R463	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R464	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R465	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R481	OW07-75102-06	C RESISTOR	1KΩ 1/16W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R483	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
R484	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R485	OW07-74391-00T	C RESISTOR	47Ω 1/8W	
R486	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R801	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R802	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
R803	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R804	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R805	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R806	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R449A	OW07-75751-06	C RESISTOR	750Ω 1/16W	
L102	OW09-70101-82T	COIL	10mH	
L103	OW08-86436-80	AM ANT COIL	0A10-864367	
L104	OW08-01014-82	IFT COIL	Red 1A1014N	
L105	OW08-73995-80	FM DET COIL	7mm 114KHz	
L106	OW09-70101-82T	COIL	10mH	
⚠ L201	OW09-40474-80	CHOKE COIL	47mH	
L202	OW09-40474-80	CHOKE COIL	47mH	
L203	OW08-00053-80	OSC COIL		
L204	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
L205	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
L301	OW08-04446-00	FERRITE COIL	4T 46mH	
L302	OW08-04446-00	FERRITE COIL	4T 46mH	
L303	OW08-04446-00	FERRITE COIL	4T 46mH	
L304	OW09-70222-83T	COIL	220mH	
L401	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
L402	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
L403	OW08-04446-00	FERRITE COIL	4T 46mH	
L404	OW08-04446-00	FERRITE COIL	4T 46mH	
L405	OW08-04446-00	FERRITE COIL	4T 46mH	
L406	OW08-04446-00	FERRITE COIL	4T 46mH	
L481	OW08-01122-80	FERRITE BEAD	RH03509ST-B246	
L482	OW08-01122-80	FERRITE BEAD	RH03509ST-B246	
L801	OW09-40080-82	CHOKE COIL	8mH	
L802	OW09-40080-82	CHOKE COIL	8mH	
L803	OW09-40080-82	CHOKE COIL	8mH	
L804	OW09-40080-82	CHOKE COIL	8mH	
L901	OW09-00400-00O	CHOKE COIL	12.7 X 7.5 X 5	
T101	OW08-00332-84	IFT COIL	Yellow 810017	
AC-BLU	OW37-00020-80	EYELET	D=2 X 4mm	
AC-BRN	OW37-00020-80	EYELET	D=2 X 4mm	
ACOUT 1	OW37-00020-80	EYELET	D=2 X 4mm	
ACOUT 2	OW37-00020-80	EYELET	D=2 X 4mm	
BF101	OW09-80001-80	FM BP FILTER	BPF-10833KF	
CF101	OW09-50107-56	CERAMIC FILTER	10MHz7 SFE	
CF102	OW09-50107-56	CERAMIC FILTER	10MHz7 SFE	
CF103	OW09-50107-06	CERAMIC FILTER	10.7MJ-A (Murata)	
CF104	OW09-50450-80	CER.FILTER	SFU450B 450kHz	
CF105	OW09-50107-87	CER.FILTER	LT10.7MG82	
CN101	OW12-00007-82	FM ANTENNA	75Ω TC-103	
CN102	OW20-12020-81	CONNECTOR	2P	
CN103	OW20-11090-80	CONNECTOR	9P	
CN202	OW20-41092-57	CONNECTOR WIRE	9P	
CN203	OW20-11070-80	CONNECTOR	7P	
CN301	OW20-12030-80	CONNECTOR	3P	
CN303	OW20-11080-81	CONNECTOR	8P	
CN401	OW20-11040-81	CONNECTOR	4P	
CN402	OW20-12100-80	CONNECTOR	10P	
CN481	OW20-12020-80	CONNECTOR	2P	
CN602	OW20-11030-80	CONNECTOR	3P	
CN603	OW20-12030-80	CONNECTOR	3P	
CN801	OW12-00006-80	CONNECTOR		
CON801	OW20-12040-80	CONNECTOR	4P	
FP101	OW00-20001-02	TUNER PAD	KST-F404VA-1	
FP101	OW68-90033-80	COPPER FOIL	41 X 18mm	
J132	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J133	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J134	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J135	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J221	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J413	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
JK301	OW12-21315-01	AUX JACK	CKX3.5-02-5P	
JK401	OW12-21315-00	PHONE JACK	CKS3.5-02J5P2K	
TIEE11	OW31-50040-80	UL WIRE	40mm BLK	
TIEIE1	OW31-50040-80	UL WIRE	40mm BLK	
TIEIE4	OW31-50040-80	UL WIRE	40mm BLK	
TIEIE7	OW31-50040-80	UL WIRE	40mm BLK	
TIEIE8	OW31-50040-80	UL WIRE	40mm BLK	
X101	OW04-07200-80	CRYSTAL	7.2MHz	
XXXXX	OW20-61031-21	CONNECTOR WIRE	3P AUX PCB CON301	
XXXXX	OW08-04344-23	FERRITE CORE	T18X10 X12 CASSMECH	
XXXXX	OW20-61063-82	CONNECTOR WIRE	CN201 TO CASSHEAD	
XXXXX	OW08-04344-14	FERRITE CORE	For AUX AUDIO	
XXXXX	OW08-04344-14	FERRITE CORE	T16X12X8 FOR PHONE	
XXXXX	OW32-92415-50	UL WIRE	L=415 FM ANT	
XXXXX	OW08-04344-50	FERRITE CORE	For FM ANT	
XXXXX	OW32-92160-80	UL WIRE	L=160 BLK For FMOSC	
XXXXX	OW25-23050-82	CONNECTOR	2P LED PCB CON706	
XXXXX	OW11-20003-08	MAIN PCB		
XXXXX	OW20-42041-82	CONNECTOR WIRE	4P PHONE PCB CON401	
XXXXX	OW39-09025-84	HEAT SINK	IC402	
XXXXX	OW39-09025-84	HEAT SINK	Q443	
XXXXX	OW84-00003-80	CABLE TIE	4 UL	
XXXXX	OW84-00004-82	ROUND WIRE	60mm	
⚠ Z101	10V0.5W	Z DIODE	OW02-50100-80	
⚠ Z401	5.6V0.5W	Z DIODE	OW02-50056-80	
⚠ Z402	9.1V0.5W	Z DIODE	OW02-50091-81	
⚠ Z441	6.2V0.5W	Z DIODE	OW02-50062-80	
⚠ Z481	6.2V0.5W	Z DIODE	OW02-50062-80	

Power board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ IC801	LM4731TA	IC	OW03-04731-80	
⚠ IC901	RS602	IC	OW02-00602-80	
Q801	8050	TRANSISTOR	OW01-08050-81	
Q803	8050	TRANSISTOR	OW01-08050-81	
Q804	2SC945-P	TRANSISTOR	OW01-00945-80	
D802	1N4148	GE DIODE	OW02-04148-81	
⚠ D901	1N4001	DIODE	OW02-04001-81	
⚠ D902	1N4001	DIODE	OW02-04001-81	
⚠ D903	1N4001	DIODE	OW02-04001-81	
⚠ D904	1N4001	DIODE	OW02-04001-81	
⚠ D905	1N4001	DIODE	OW02-04001-81	
⚠ D906	1N4001	DIODE	OW02-04001-81	
⚠ D907	1N4001	DIODE	OW02-04001-81	
⚠ D908	1N4001	DIODE	OW02-04001-81	
C801	OW06-75105-20	E CAPACITOR	1uF 50V	
C802	OW06-75105-20	E CAPACITOR	1uF 50V	
C803	OW05-77561-05	C CAPACITOR	560pF	
C804	OW05-77561-05	C CAPACITOR	560pF	
C805	OW06-72106-20	E CAPACITOR	10uF 25V	
C806	OW06-72476-20	E CAPACITOR	47uF 25V	
C807	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
⚠ C808	OW06-73338-20	E CAPACITOR	3300uF 35V	
⚠ C809	OW06-73338-20	E CAPACITOR	3300uF 35V	
C810	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
C811	OW06-75225-20	E CAPACITOR	2.2uF 50V	
C813	OW06-72476-20	E CAPACITOR	47uF 25V	
C814	OW06-72476-20	E CAPACITOR	47uF 25V	
C815	OW05-72104-10	M CAPACITOR	0.1uF	
C816	OW05-72104-10	M CAPACITOR	0.1uF	
C821	OW05-77101-05	C CAPACITOR	Axial 100pF	
C822	OW05-77101-05	C CAPACITOR	Axial 100pF	
C823	OW05-77101-05	C CAPACITOR	Axial 100pF	
⚠ C901	OW06-71338-81	E CAPACITOR	3300uF 16V	
C902	OW05-77223-82	C CAPACITOR	Axial 0.022uF	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C903	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C904	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C905	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C906	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
⚠ C907	OW06-72108-81	E CAPACITOR	1000uF 25V	
C908	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
C909	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
C910	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
C911	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
C912	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C913	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C914	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C915	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C901A	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
R801	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
R802	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
R803	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R804	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R805	OW07-74153-50T	C RESISTOR	15KΩ 1/8W	
R806	OW07-74223-50T	C RESISTOR	22KΩ 1/8W	
R809	OW07-74333-50T	C RESISTOR	33KΩ 1/8W	
R811	OW07-74473-50T	C RESISTOR	47KΩ 1/8W	
R812	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R813	OW07-74563-50T	C RESISTOR	56KΩ 1/8W	
R814	OW07-74563-50T	C RESISTOR	56KΩ 1/8W	
R815	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R816	OW07-74104-50T	C RESISTOR	100KΩ 1/8W	
R817	OW07-74223-50T	C RESISTOR	22KΩ 1/8W	
R818	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
R819	OW07-74223-50T	C RESISTOR	22KΩ 1/8W	
R820	OW07-74102-50T	C RESISTOR	1KΩ 1/8W	
⚠ R821	OW07-74022-00T	C RESISTOR	2.2Ω 1/4W	
⚠ R822	OW07-74022-00T	C RESISTOR	2.2Ω 1/4W	
R823	OW07-74047-50T	C RESISTOR	4.7Ω 1/8W	
R824	OW07-74047-50T	C RESISTOR	4.7Ω 1/8W	
L801	OW09-34004-80	CHOKE COIL	Spring 2mH 34T	
L802	OW09-34004-80	CHOKE COIL	Spring 2mH 34T	
L803	OW09-00068-80	CHOKE COIL	6.8mH	
L804	OW09-00068-80	CHOKE COIL	6.8mH	
CN801	OW20-61010-83	CONNECTOR WIRE	10PIN	
CN802	OW20-42041-87	CONNECTOR WIRE	4PIN	
LJ801	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
LJ802	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
LJ803	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
LJ804	OW08-04344-73	FERRITE BEAD	700 / 100MHz	
XXXXX	OW08-04344-53	FERRITE CORE	CN802 WIRE	
XXXXX	OW08-04344-53	FERRITE CORE	For AC Cord	
XXXXX	OW08-04344-53	FERRITE CORE	For CN801	
XXXXX	OW11-20003-01	POWER PCB		
XXXXX	OW37-00020-80	EYELET	D=2 X 4mm(x7)	
XXXXX	OW84-00003-80	CABLE TIE	4 UL(x4)	
XXXXX	OW84-00005-80	CABLE TIE	6.5 UL(x9)	

Display board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC701	OW03-87261-86	IC	TMP87EP26F-4K	
IC702	SC6579A	IC	OW03-06579-80	
Q702	9013	TRANSISTOR	OW01-09013-85	
Q703	9013	TRANSISTOR	OW01-09013-85	
Q704	9013	TRANSISTOR	OW01-09013-85	
Q705	9013	TRANSISTOR	OW01-09013-85	
Q771	8550	TRANSISTOR	OW01-08550-86	
Q772	9013	TRANSISTOR	OW01-09013-85	
D701	1N4148	DIODE	OW02-04148-80	
D702	1N4148	DIODE	OW02-04148-80	
D703	1N4148	DIODE	OW02-04148-80	
D704	ELT-3142D	LED	OW02-30022-82	
C701	OW05-73102-00	C CAPACITOR	1000pF	
C702	OW05-73104-00	C CAPACITOR	0.1uF	
C703	OW06-76108-01	E CAPACITOR	1000uF 6.3V	
C704	OW06-76108-01	E CAPACITOR	1000uF 6.3V	
C705	OW05-73104-00	C CAPACITOR	0.1uF	
C706	OW06-70106-81	E CAPACITOR	10uF 10V	
C707	OW05-73104-00	C CAPACITOR	0.1uF	
C708	OW06-70227-81	E CAPACITOR	220uF 10V	
C709	OW05-73102-00	C CAPACITOR	1000pF	
C713	OW05-73240-05	C CAPACITOR	24pF	
C714	OW05-73560-05	C CAPACITOR	56pF	
C715	OW05-73240-05	C CAPACITOR	24pF	
C716	OW05-73200-05	C CAPACITOR	20pF	
C717	OW05-73200-05	C CAPACITOR	20pF	
C718	OW06-70476-81	E CAPACITOR	47uF 10V	
C721	OW06-70107-81	E CAPACITOR	100uF 10V	
C722	OW06-70476-81	E CAPACITOR	47uF 10V	
C723	OW05-73104-00	C CAPACITOR	0.1uF	
C724	OW05-73223-00	C CAPACITOR	0.022uF	
C725	OW05-73223-00	C CAPACITOR	0.022uF	
C728	OW05-73104-00	C CAPACITOR	0.1uF	
C771	OW06-70225-81	E CAPACITOR	2.2uF 10V	
C772	OW05-73271-05	C CAPACITOR	270pF	
C773	OW05-73561-05	C CAPACITOR	560pF	
C774	OW06-70107-81	E CAPACITOR	100uF 10V	
C775	OW06-70107-81	E CAPACITOR	100uF 10V	
C776	OW05-73470-05	C CAPACITOR	47pF	
C777	OW05-73470-05	C CAPACITOR	47pF	
R702	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
R703	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R704	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R706	OW07-75153-06	C RESISTOR	15KΩ 1/16W	
R707	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R708	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R709	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R710	OW07-75332-06	C RESISTOR	3.3KΩ 1/16W	
R711	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R712	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R713	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R714	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R715	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R716	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R718	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R719	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R720	OW07-75100-06	C RESISTOR	10Ω 1/16W	
R721	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R722	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R723	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R724	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R725	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R726	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R727	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R728	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R729	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R730	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R731	OW07-75122-06	C RESISTOR	1.2 KΩ 1/16W	
R732	OW07-75122-06	C RESISTOR	1.2 KΩ 1/16W	
R733	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R734	OW07-75470-06	C RESISTOR	47Ω 1/16W	
R735	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R736	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R738	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R739	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R740	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R741	OW07-75272-06	C RESISTOR	2.7 KΩ 1/16W	
R742	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R743	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R744	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R745	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R746	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R747	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R748	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R749	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R750	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R751	OW07-75103-06	C RESISTOR	10KΩ 1/16W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R752	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R753	OW07-75471-06	C RESISTOR	470Ω 1/16W	
R754	OW07-75912-06	C RESISTOR	9.1KΩ 1/16W	
R755	OW07-75272-06	C RESISTOR	2.7 KΩ 1/16W	
R756	OW07-75392-06	C RESISTOR	3.9 KΩ 1/16W	
R757	OW07-75563-06	C RESISTOR	56KΩ 1/16W	
R758	OW07-75750-06	C RESISTOR	75Ω 1/16W	
R759	OW07-75471-06	C RESISTOR	470Ω 1/16W	
R760	OW07-75152-06	C RESISTOR	1.5KΩ 1/16W	
R761	OW07-75362-06	C RESISTOR	3.6KΩ 1/16W	
R762	OW07-75182-06	C RESISTOR	1.8KΩ 1/16W	
R763	OW07-75563-06	C RESISTOR	56KΩ 1/16W	
R764	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R765	OW07-75682-06	C RESISTOR	6.8KΩ 1/16W	
R766	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R771	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R772	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R773	OW07-75122-06	C RESISTOR	1.2 KΩ 1/16W	
R774	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R775	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R776	OW07-75393-06	C RESISTOR	39KΩ 1/16W	
R777	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R780	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R781	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
R782	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R788	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
L701	OW09-70102-80	LEAD INDUCTOR	Axial 100mH	
L702	OW09-70102-80	LEAD INDUCTOR	Axial 100mH	
L706	OW09-70102-82T	COIL	100mH	
L771	OW09-70102-82T	COIL	100mH	
L772	OW09-70102-82T	COIL	100mH	
CN701	OW20-41092-81	CONNECTOR WIRE	9P	
CN702	OW20-41082-48	CONNECTOR WIRE	8P	
CN703	OW20-41032-83	CONNECTOR WIRE	3PIN	
CN704	OW20-41072-80	CONNECTOR WIRE	7P	
CN706	OW20-41102-84	CONNECTOR WIRE		
CN707	OW20-42021-84	CONNECTOR WIRE	2PIN	
CN708	OW20-41021-80	CONNECTOR WIRE	2P	
J730	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J731	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J732	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J733	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J734	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J735	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J736	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J737	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J739	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J740	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J741	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J742	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J743	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J744	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J745	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J746	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
RV701	OW18-92040-86	ENCODER VOL.	EC162102 FIB-HA1-24	
SEN701	OW02-66038-80	SENSOR	FM-6038TM2-5A	
SW701	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW702	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW703	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW704	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW705	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW706	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW707	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW708	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW709	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
SW710	OW16-10101-80	TACT SWITCH	EVQJAE 05R	
X701	OW09-50720-80	CER. RESONATOR	ZTA7.2MT	
X702	OW04-32768-80	C CAPACITOR	2pF NPO	
X771	OW04-04332-80	CRYSTAL	4.332MHz	
XXXXX	OW08-04344-14	FERRITE CORE	FOR CN707	
XXXXX	OW11-20003-03	DISPLAY PCB		
XXXXX	OW31-20080-60	WIRE	PGND2 TO CD PCB P4	
XXXXX	OW84-00003-80	CABLE TIE	4 UL(x2)	
XXXXX	OW84-00005-80	CABLE TIE	6.5 UL(x2)	

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ Z702	8.2V0.5W	Z DIODE	OW02-50082-80	

CD board

Block No. [0][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC601	TC94A14FA	CD LSI IC	OW03-09414-80	
IC602	TA2157FN	IC	OW03-02157-80	
IC603	TA2092AN	IC	OW03-02092-81	
IC604	TC94A02F	IC	OW03-09402-80	
IC605	AS7C31024B-15	IC	OW03-31024-81	
IC606	SN74HC14DR	IC	OW03-07414-82	
⚠ IC607	PJ7805	IC	OW03-07805-82	
Q601	8050	TRANSISTOR	OW01-08050-81	
Q602	8050	TRANSISTOR	OW01-08050-81	
Q603	8050	TRANSISTOR	OW01-08050-81	
Q604	8050	TRANSISTOR	OW01-08050-81	
Q605	2SA733	TRANSISTOR	OW01-00733-80	
Q608	8050	TRANSISTOR	OW01-08050-81	
D601	1N4148	GE DIODE	OW02-04148-81	
C600	OW05-73102-05	C CAPACITOR	1000pF 50V	
C601	OW06-70227-20	E CAPACITOR	220uF 10V	
C602	OW06-71476-21	E CAPACITOR	47uF 10V	
C603	OW06-71476-20	E CAPACITOR	47uF 16V	
C604	OW06-71476-20	E CAPACITOR	47uF 16V	
C605	OW06-71476-20	E CAPACITOR	47uF 16V	
C606	OW06-71476-20	E CAPACITOR	47uF 16V	
C607	OW06-70477-20	E CAPACITOR	470uF 10V	
C608	OW05-73104-00	C CAPACITOR	0.1uF	
C609	OW06-70227-20	E CAPACITOR	220uF 10V	
C610	OW05-73104-00	C CAPACITOR	0.1uF	
C611	OW05-73104-00	C CAPACITOR	0.1uF	
⚠ C612	OW06-70108-20	E CAPACITOR	1000uF 10V	
C613	OW05-73104-00	C CAPACITOR	0.1uF	
C614	OW05-73473-00	C CAPACITOR	0.047uF	
C620	OW06-70477-20	E CAPACITOR	470uF 10V	
C621	OW05-73104-00	C CAPACITOR	0.1uF	
C622	OW06-71107-20	E CAPACITOR	100uF 16V	
C623	OW05-73030-05	C CAPACITOR	3pF 50V	
C624	OW05-73104-00	C CAPACITOR	0.1uF	
C625	OW05-73104-00	C CAPACITOR	0.1uF	
C626	OW05-73680-05	C CAPACITOR	68pF	
C627	OW05-73393-00	C CAPACITOR	0.039nF	
C628	OW05-73104-00	C CAPACITOR	0.1uF	
C629	OW05-73104-00	C CAPACITOR	0.1uF	
C630	OW05-73472-00	C CAPACITOR	4700pF	
C631	OW05-73470-05	C CAPACITOR	47pF	
C632	OW05-73153-00	C CAPACITOR	0.015uF	
C633	OW06-70477-20	E CAPACITOR	470uF 10V	
C634	OW05-73103-00	C CAPACITOR	0.01uF	
C635	OW05-73272-00	C CAPACITOR	2700pF	
C636	OW05-73104-00	C CAPACITOR	0.1uF	
C638	OW05-73333-00	C CAPACITOR	0.033nF	
C639	OW05-73333-00	C CAPACITOR	0.033nF	
C640	OW06-71476-20	E CAPACITOR	47uF 16V	
C641	OW05-73104-00	C CAPACITOR	0.1uF	
C642	OW05-73104-00	C CAPACITOR	0.1uF	
C643	OW06-71476-21	E CAPACITOR	47uF 10V	
C644	OW05-73104-00	C CAPACITOR	0.1uF	
C645	OW06-70225-01	E CAPACITOR	2.2nF	
C648	OW05-73473-00	C CAPACITOR	0.047uF	
C649	OW05-73473-00	C CAPACITOR	0.047uF	
C650	OW05-73471-00	C CAPACITOR	470pF	
C651	OW05-73471-00	C CAPACITOR	470pF	
C652	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C653	OW05-73104-00	C CAPACITOR	0.1uF	
C656	OW06-71476-20	E CAPACITOR	47uF 16V	
C657	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C658	OW05-73104-00	C CAPACITOR	0.1uF	
C659	OW05-77473-82	C CAPACITOR	0.047uF	

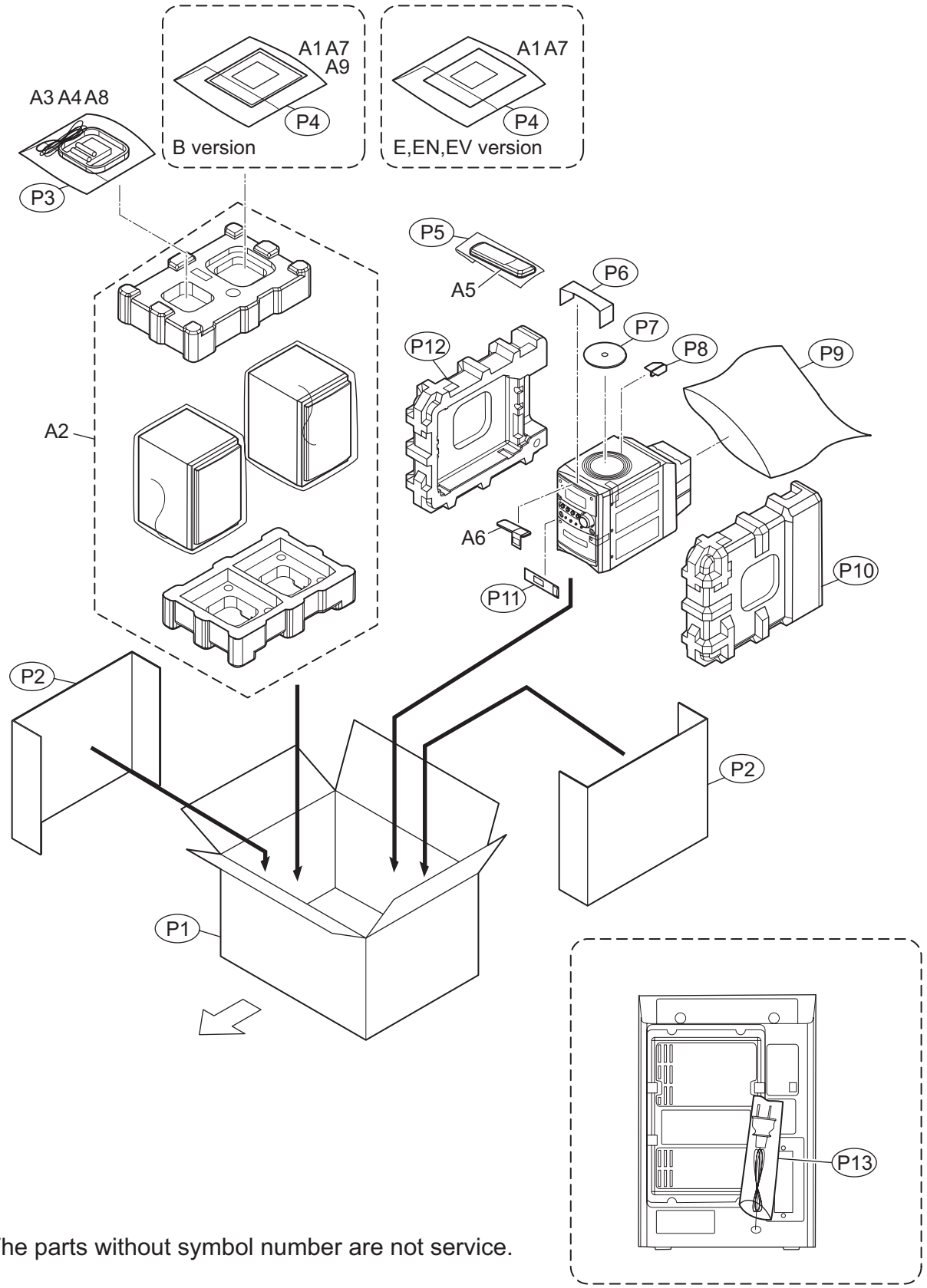
⚠ Symbol No.	Part No.	Part Name	Description	Local
C660	OW05-73473-00	C CAPACITOR	0.047uF	
C661	OW05-73104-00	C CAPACITOR	0.1uF	
C662	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
C663	OW05-77104-82	C CAPACITOR	Axial 0.1uF	
C664	OW05-73104-00	C CAPACITOR	0.1uF	
C665	OW05-73104-00	C CAPACITOR	0.1uF	
C666	OW05-73104-00	C CAPACITOR	0.1uF	
C667	OW05-73104-00	C CAPACITOR	0.1uF	
C668	OW06-70477-20	E CAPACITOR	470uF 10V	
C669	OW06-72106-20	E CAPACITOR	10uF 25V	
C671	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C672	OW05-77101-05	C CAPACITOR	Axial 100pF	
C673	OW05-73334-00	C CAPACITOR	0.33uF	
C674	OW05-73104-00	C CAPACITOR	0.1uF	
C675	OW05-73104-00	C CAPACITOR	0.1uF	
C676	OW05-73104-00	C CAPACITOR	0.1uF	
C679	OW05-73104-00	C CAPACITOR	0.1uF	
C680	OW05-73104-00	C CAPACITOR	0.1uF	
C681	OW06-71476-21	E CAPACITOR	47uF 10V	
C682	OW06-71476-20	E CAPACITOR	47uF 16V	
C683	OW05-73104-00	C CAPACITOR	0.1uF	
C684	OW05-73222-00	C CAPACITOR	2200pF	
C685	OW05-73222-00	C CAPACITOR	2200pF	
C686	OW06-71107-20	E CAPACITOR	100uF 16V	
C687	OW06-71107-20	E CAPACITOR	100uF 16V	
C688	OW05-73222-00	C CAPACITOR	2200pF	
C689	OW05-73222-00	C CAPACITOR	2200pF	
C690	OW06-70227-20	E CAPACITOR	220uF 10V	
C691	OW05-73221-03	C CAPACITOR	220pF	
C692	OW05-73221-03	C CAPACITOR	220pF	
C693	OW05-73221-03	C CAPACITOR	220pF	
C694	OW05-73102-05	C CAPACITOR	1000pF 50V	
C695	OW05-73221-03	C CAPACITOR	220pF	
C696	OW05-73221-03	C CAPACITOR	220pF	
C697	OW05-73221-03	C CAPACITOR	220pF	
C698	OW05-73221-03	C CAPACITOR	220pF	
C699	OW05-73221-03	C CAPACITOR	220pF	
C6041	OW06-71476-21	E CAPACITOR	47uF 10V	
C6091	OW05-73104-00	C CAPACITOR	0.1uF	
C6100	OW05-77101-05	C CAPACITOR	Axial 100pF	
C656A	OW06-71476-20	E CAPACITOR	47uF 16V	
C6631	OW05-77223-82	C CAPACITOR	Axial 0.022uF	
C6651	OW05-73104-00	C CAPACITOR	0.1uF	
C670A	OW05-73104-00	C CAPACITOR	0.1uF	
C672A	OW05-73221-03	C CAPACITOR	220pF	
R602	OW07-75561-06	C RESISTOR	560Ω 1/16W	
R604	OW07-75561-06	C RESISTOR	560Ω 1/16W	
R605	OW07-75331-06	C RESISTOR	330Ω 1/16W	
R606	OW07-75121-06	C RESISTOR	120Ω 1/16W	
R608	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R610	OW07-75100-06	C RESISTOR	10Ω 1/16W	
R615	OW07-75823-06	C RESISTOR	82KΩ 1/16W	
R616	OW07-75184-06	C RESISTOR	180KΩ 1/16W	
R617	OW07-75184-06	C RESISTOR	180KΩ 1/16W	
R618	OW07-75184-06	C RESISTOR	180KΩ 1/16W	
R619	OW07-75184-06	C RESISTOR	180KΩ 1/16W	
R620	OW07-75823-06	C RESISTOR	82KΩ 1/16W	
R621	OW07-75101-06	C RESISTOR	100Ω 1/16W	
R622	OW07-75223-06	C RESISTOR	22KΩ 1/16W	
R623	OW07-75333-06	C RESISTOR	33 KΩ 1/16W	
R624	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R625	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R626	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R627	OW07-75101-06	C RESISTOR	100Ω 1/16W	
R628	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R629	OW07-75273-06	C RESISTOR	27KΩ 1/16W	
R631	OW07-74332-50T	C RESISTOR	3.3KΩ 1/8W	
R632	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R633	OW07-75473-06	C RESISTOR	47KΩ 1/16W	
R634	OW07-75474-06	C RESISTOR	470KΩ1/16W	
R635	OW07-75153-06	C RESISTOR	15KΩ 1/16W	
R636	OW07-75225-06	C RESISTOR	2.2MΩ1/16W	
R637	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R638	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R639	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R640	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R641	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R642	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R643	OW07-75472-06	C RESISTOR	4.7KΩ 1/16W	
R644	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R645	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R646	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R647	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R648	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R649	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R650	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R652	OW07-75332-06	C RESISTOR	3.3KΩ 1/16W	
R653	OW07-75562-06	C RESISTOR	5.6KΩ 1/16W	
R654	OW07-75100-06	C RESISTOR	10Ω 1/16W	
R655	OW07-75105-06	C RESISTOR	1MΩ1/16W	
R656	OW07-74561-50T	C RESISTOR	560Ω 1/8W	
R657	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R658	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R659	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R660	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R661	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R662	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R663	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R664	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R665	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R666	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R667	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R668	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R669	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R670	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R671	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R672	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R673	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R674	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R675	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R676	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R677	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R678	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R679	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R680	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R681	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R684	OW07-74472-50T	C RESISTOR	4.7 KΩ 1/8W	
R685	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R687	OW07-75225-06	C RESISTOR	2.2MΩ1/16W	
R688	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R689	OW07-75271-06	C RESISTOR	270Ω 1/16W	
R690	OW07-75271-06	C RESISTOR	270Ω 1/16W	
R691	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R692	OW07-74103-50T	C RESISTOR	10KΩ 1/8W	
R693	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R694	OW07-75102-06	C RESISTOR	1KΩ 1/16W	
R695	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R696	OW07-75103-06	C RESISTOR	10KΩ 1/16W	
R697	OW07-75222-06	C RESISTOR	2.2KΩ 1/16W	
R698	OW07-74472-50T	C RESISTOR	4.7 KΩ 1/8W	
R6100	OW07-75221-06	C RESISTOR	220Ω 1/16W	
R6101	OW07-75221-06	C RESISTOR	220Ω 1/16W	
R6102	OW07-75221-06	C RESISTOR	220Ω 1/16W	
R6103	OW07-75221-06	C RESISTOR	220Ω 1/16W	
R6110	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R6111	OW07-75104-06	C RESISTOR	100KΩ 1/16W	
R6171	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
R6181	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
L601	OW08-01122-80	FERRITE BEAD	RH03509ST-B246	
L602	OW08-01122-80	FERRITE BEAD	RH03509ST-B246	
L603	OW09-70471-80	LEAD INDUCTOR	Axial 47mH	
L604	OW09-70471-80	LEAD INDUCTOR	Axial 47mH	
L605	OW09-70471-80	LEAD INDUCTOR	Axial 47mH	
L606	OW07-74101-50T	C RESISTOR	100Ω 1/8W	
L607	OW09-70471-82	COIL	47mH	
L608	OW09-70471-80	LEAD INDUCTOR	Axial 47mH	
L609	OW09-70471-80	LEAD INDUCTOR	Axial 47mH	
L610	OW09-70471-80	LEAD INDUCTOR	Axial 47mH	
L611	OW09-70101-80	LEAD INDUCTOR	Axial 0mH	
L613	OW08-01122-80	FERRITE BEAD	RH03509ST-B246	
L614	OW08-01122-80	FERRITE BEAD	RH03509ST-B246	
CN601	OW20-80160-80	FFC WIRE	16P	
CN602	OW20-41061-85	CONNECTOR WIRE	6PIN	

⚠ Symbol No.	Part No.	Part Name	Description	Local
CN603	OW20-21030-80	CONNECTOR	3P	
CN604	OW20-41032-87	CONNECTOR WIRE	3PIN	
CN605	OW20-32032-80	CONNECTOR WIRE	3PIN	
CN606	OW20-21100-80	CONNECTOR	10P	
J601	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J605	OW07-75000-06F	C RESISTOR	0Ω 1/16W	
J606	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J607	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J608	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J614	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J615	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J625	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J630	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J635	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J642	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J656	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J657	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J670	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J671	OW07-75471-06	C RESISTOR	470Ω 1/16W	
J672	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
J674	OW07-75001-05F	C RESISTOR	0Ω 1/8W	
P1	OW31-50040-80	UL WIRE	40mm BLK	
X601	OW09-51693-80	CER. RESONATOR	16.9344MHz	
XXXXX	OW25-61090-80	FFC WIRE	CD PickUp to CN601	
XXXXX	OW08-04344-14	FERRITE CORE	For CD Audio	
XXXXX	OW08-04344-23	FERRITE CORE	For CD Power	
XXXXX	OW39-00013-80	HEAT SINK	For IC603	
XXXXX	OW39-09025-84	HEAT SINK	For IC607	
XXXXX	OW31-20060-60	WIRE	P3 TO CD MECH	
XXXXX	OW11-20003-02	CD PCB		
⚠ ZD601	3.9V0.5W	Z DIODE	OW02-50039-80	
⚠ ZD602	3.3V0.5W	Z DIODE	OW02-50033-80	
⚠ ZD603	3.3V0.5W	Z DIODE	OW02-50033-80	
⚠ ZD604	3.9V0.5W	Z DIODE	OW02-50039-80	

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available.



The parts without symbol number are not service.

Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	OW88-20003-05	INST BOOK	ENG LVT1364-002B	UXG3_B,UXG4_B
	A 1	OW88-20003-02	INST BOOK	GER FRE DUT LVT1364-003B	UXG3_E,UXG4_E
	A 1	OW88-20003-06	INST BOOK	SWE FIN DAN GER FRE SPA ITA LVT1364-004B	UXG3_EN,UXG4_EN
	A 1	OW88-20003-07	INST BOOK	CZE POL HUN RUS lvt1364-005a	UXG3_EV,UXG4_EV
	A 2	OW00-20003-00	SPEAKER BOX	25W 4Ω	UXG3_B,UXG3_E,UXG3_EN,UXG3_EV
	A 2	OW00-20004-01	SPEAKER BOX	25W 4Ω	UXG4_B,UXG4_E,UXG4_EN,UXG4_EV
	A 3	OW23-04910-80	AM LOOP ANT		
	A 4	----------	BATTERY	(x2)	
	A 5	OWV-REJVCUXG3	REMOTE CONTROL		
	A 6	OW89-00300-05	INSERT CARD		
	A 7	----------	WARRANTY CARD	BT-54026-1	UXG3_B,UXG3_E,UXG3_EN,UXG3_EV
	A 7	----------	WARRANTY CARD	BT-54026-1	UXG4_B,UXG4_E,UXG4_EN,UXG4_EV
	A 8	OW29-21400-83	FM ANT		
	A 9	OW88-30000-83	USER CARD		UXG3_B,UXG4_B
	P 1	OW89-20003-01	CARTON		UXG3_B,UXG3_E,UXG3_EN,UXG3_EV
	P 1	OW89-20003-05	CARTON		UXG4_B,UXG4_E,UXG4_EN,UXG4_EV
	P 2	OW89-20003-00	CARTON SPACER	(x2)	
	P 3	OW85-90710-84	POLY BAG	7X10	
	P 4	OW85-91014-82	POLY BAG	10X14	
	P 5	OW85-00025-81A	POLY BAG	3.5X10	
	P 6	OW81-00300-03	PROTECT SHEET		
	P 7	OW81-01000-80	CUSHION	F16XF17X2	
	P 8	OW89-01182-81	CD PROTECT		
	P 9	OW85-20003-01	POLY BAG	18X24	
	P 10	OW86-20003-01	POLYFORM R		
	P 11	OW81-00300-01	SUPPORT SPONGE		
	P 12	OW86-20003-00	POLYFORM L		
	P 13	OW85-20003-00	POLY BAG	4X13	